

geared for protection™



SCOPE®
—LUBRICANTS—


SCOPE[®]
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UGL

United Grease & Lubricants Co. LLC was established in the year 1996. The plant has gone under a series of developments and expansion. The current facility has the capacity to blend & fill 70,000 MT of finished lubricants and 5000 MT of lithium & calcium greases per annum.

United Grease & Lubricants Co. LLC is an approved ISO 9001:2015 facility and also carries the Emirates Quality Mark which complies with GCC 1785:2007 Lubricants Standards. Our Lab has been assessed and registered by GAC in compliance with the requirements of ISO 17025:2017 standards. Being an environmentally responsible production entity, our business activities are in compliance with Environmental Management System - ISO 14001:2015 & OHSAS 18001:2017.



SCOPE

In order to ensure stringent quality control of Scope Lubricants, the laboratory was set up and is equipped with the latest technology and versatile facilities to carry out comprehensive testing and quality control requirements of lubricants & greases.

Scope product guide provides a brief and convenient reference on scope lubricants & greases available. It covers the general descriptions, features and user benefits, recommended applications and typical values of commonly used products. Detailed specifications and Product Data Sheets (PDS) are available for each grade providing more product information.

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Fully Synthetic Gasoline Engine Oil - API SN

SCOPE Pegaso Fully Synthetic Oil has been formulated for latest on-road, high-performance and turbo-charged, inter-cooled direct injection high performance gasoline and diesel engines with normal SAPS passenger car portfolio. It provides outstanding protection against engine wear under high-temperature and high engine speed conditions. It is blended from synthetic base components, highly shear stable viscosity modifiers and premium tier additive packages. Suitable for ACEA 2012 normal SAPS requirements formulations.

Main Benefits

- Excellent oxidation resistance
- Excellent low temperature flow characteristics
- Excellent detergency and high dispersancy
- Keeps engine clean under all conditions
- Exceptional thermal stability
- Low oil consumption
- Protects against rust and corrosion.

Applications

Scope Premium Fully Synthetic is recommended for various types of modern vehicles where it will help provide unsurpassed performance even under very demanding driving conditions.

It is recommended for latest engine technologies including Turbo-chargers, Direct Injection, Diesels (without DPF) and Hybrids.

Specification & Performance Standards

- API SN/CF
- ACEA A3/B4-2012 A3/B3
- Mercedes Benz 229.3 229.5. V.2012.2
- JASO MA-2
- VOLKSWAGEN 502/505
- General Motors Specifications
- Porsche A40
- Opel GM-LL-A/B-025
- Renault 0700/0710
- Ford Specification.

Typical Physical Characteristics

Test	Test Method	SN			
		0W/40	5W/30	5W/40	10W30
SAE Viscosity Grades	-	0W/40	5W/30	5W/40	10W30
Density @ 15°C, Kg/ltr	D-4052	0.850	0.852	0.852	0.854
Kinematic Viscosity					
@40°C cSt	D-445	76.0	62.0	80.0	73.0
@100°C cSt	D-445	13.8	11.0	14.0	11.5
Viscosity Index	D-2270	188	171	182	151
TBN, mg/KOH/gm	D-2896	10.0	10.0	10.0	10.0
Pour Point, °C	D-97	-45	-39	-39	-33
Flash Point, °C	D-92	220	224	222	226
Sulphated Ash % wt	D-874	1.2	1.2	1.2	1.2
Foam Vol Tend/Sta Seq I, Seq II, Seq III	D-892	0/0,0/0,0/0	0/0,0/0,0/0	0/0,0/0,0/0	0/0,0/0,0/0
Apparent viscosity by CCS, cP	D-5293	6000 @(-35°C)	6100 @(-30°C)	6200 @(-30°C)	6000 @(-25°C)



Fully Synthetic Gasoline Engine Oil - API SM/CF

Scope Pegaso SM/CF is a unique fully synthetic lubricant for ultimate engine protection and performance. It is a multi grade motor oil specially formulated with selected synthetic base fluids and race proven additive technology for use in passenger cars and light truck gasoline engines and diesel engines under all operating conditions.

Main Benefits

- Ultimate protection in all driving conditions.
- Rapid oil flow and low friction effectively contributes towards reducing fuel consumption.
- Meets environmental requirements.

Applications

Scope Pegaso SM/CF fully synthetic oil can be used for all naturally aspirated, fuel injected, turbo charged and multivalve passenger car engines.

Specification & Performance Standards

Scope Pegaso fully synthetic oil exceeds the requirements of all major car manufacturers and the following standards. API SM/CF, VW – 500.00, 502.00, 505.00, BMW - long life 98, Mercedes Benz – sheet 229.3, Porsche "GL"

Typical Physical Characteristics

SAE Viscosity Grade	5W/30	5W/40	5W/50	10W/30	10W/40	15W/40
Vis @ 100°C	11.50	14.50	17.00	11.0	14.50	14.50
Viscosity Index	165	178	195	155	168	160
Pour Point °C	-45	-45	-42	-39	-39	-39
Flash Point COC °C	220	220	220	222	222	230
TBN mg KOH/g	10	10	10	10	10	10
Apparent Viscosity – Cp	4300	4500	4700	4000	4200	4000
	-30°C	-30°C	-30°C	-25°C	-25°C	-20°C





Premium Grade Gasoline Engine Oil - API SN

SCOPE Perfo 9050 SN is a highly shear-stable, multi grade gasoline engine oil for use in passenger cars and light truck engines requiring API SN or lower performance lubricants under all operating conditions. Formulated with highly refined base stocks and selected DI Packages which provides excellent wear control. High thermal stability and oxidation resistance provides excellent protection against in-service oil degradation that contributes to filter blocking and sludge formation in the oil galleries, crankcase and valve train.

Main Benefits

- Enhanced fuel economy
- Improved engine cleanliness and reduced oil consumption
- Excellent high and low-temperature performance
- Effective corrosion inhibitors protect against rust and corrosion
- Proven protection against sludge and harmful deposits



Applications

- Naturally aspirated and turbocharged gasoline engines in passenger cars.
- Light truck gasoline engines.
- Four-stroke gasoline engines in portable power equipment where the manufacturer recommends conventional passenger car motor oils.

Typical Physical Characteristics

SAE Viscosity Grade	10W/30	10W/40	15W/40	20W/40	20W/50
Viscosity, cSt @100°C	11.50	14.50	15.00	15.00	18.50
Viscosity Index	140	147	138	115	127
Pour Point	-33	-33	-30	-27	-27
Flash Point, CoC°C	216	216	220	230	230
TBN ASTM D 2896	7.5	7.5	7.5	7.5	7.5
Apparent Viscosity – Cp	6400 c-25°	6600 c-25°	6000 c-20°	7600 c-15°	7800 c-15°



Premium Grade Gasoline Engine Oil - API SM

SCOPE Perfo 9000 is highest quality mineral based lubricant meeting the latest engine oil specifications of API SM. This product meets the severe demands of the new seq III G test which requires a significant boost in oxidation performance at TEOSTMHT4 tests and serves as a clear API SM capability.

Main Benefits

- Excellent oxidation stability.
- Excellent engine protection in severe weather conditions.
- Longer drain interval.
- Low oil consumption and turbo proven stability.

Applications

SCOPE Perfo 9000 is used in all naturally aspirated, fuel injected turbo charged and multivalve passenger cars, light duty vehicles etc.

Specification & Performance Standards

SCOPE Perfo 9000 meets and exceeds the requirements of API SM and meets the following OEM's standards.

ILSAC GF-4 energy conservation standards.

General Motors GM 6094M specifications

Chrysler Ms 6395 N Specifications.

Mercedes Benz sheet 229.3

ACEA E7 – 97, Volvo VDS3, MTU/DDU type.



Typical Physical Characteristics

SAE Viscosity Grade	10W/30	10W/40	15W/40	20W/40	20W/50
Viscosity, cSt @100°C	11.50	14.50	15.00	15.00	18.50
Viscosity Index	140	147	138	115	127
Pour Point	-33	-33	-30	-27	-27
Flash Point CoC°C	216	216	220	230	230
TBN ASTM D 2896	10	10	10	10	10
Apparent Viscosity – Cp	6400 c-25°	6600 c-25°	6000 c-20°	7600 c-15°	7800 c-15°



Premium Grade Gasoline Engine Oil - API SL/CF

SCOPE Perfo 8000, multigrade high performance engine oils are manufactured for all gasoline and diesel powered passenger cars, light trucks and van including those fitted with turbo chargers. Originated with highly refined base stock and efficient additive technology to maintain engine oil cleanliness, wear and very good low temperature fluidity ensure easy starting in cold weather and low volatility contributes to low oil consumption.

Main Benefits

- Fuel economy and better cold starting.
- Excellent engine protection in severe weather conditions.
- Thermal stable, Anti-wear, Anti-oxidant and long drain interval.
- Low oil consumption and turbo proven stability.
- Longer drain interval.
- Low oil consumption.

Applications

SCOPE Perfo 8000 oil is recommended in severe operating condition where high performance oil are required.

Specification & Performance Standards

SCOPE Perfo 8000 meets and exceeds the requirements of API SL/CF and can be used in all types of cars and light duty trucks. The product also meets ACEA E2-96 issue 3, ACEA A3-98/B3-98 issue 2/B4-02, MB 229.1, MAN 270/271, VOLVO VDS, MACK EO-L, MTU/DDU TYPE-1, ALLISION – C4



Typical Physical Characteristics

SAE Viscosity Grade	10W/40	15W/40	20W/40	20W/50	40	50
Viscosity, cSt @100°C	14.50	15.00	15	18.50	15	19
Viscosity Index	147	138	114	126	97	97
Pour Point, °C	-33	-30	-24	-24	-15	-12
Flash Point: CoC°C	216	220	230	230	248	258
TBN ASTM D 2896	10	10	10	10	10	10
Apparent Viscosity – Cp	6500	6300	7700	7800	-	-
	c-25°	c-25°	c-15°	c-15°		

Premium Grade Gasoline Engine Oil - API SJ/CF

SCOPE Perfo 7000, multi grade engine oils are manufactured for modern gasoline and diesel engines. It is a superior quality multi grade lubricant formulated with highly refined base stock and advanced additive technology meeting the requirement of API SJ/CF classification for gasoline engines.

Main Benefits

- Engine protection against wear and sludge.
- Engine cleanliness and low combustion residue.
- Fuel economy and better cold starting.
- Oxidation resistant, good high temperature stability.
- Longer drain interval.
- Low oil consumption.

Applications

SCOPE Perfo 7000 Multi grade engine oil is compatible with most naturally aspirated or turbo charged diesel engines in passenger cars maintaining excellent level of protection. It also offers performance advantage over older types of lubricant.

Specification & Performance Standards

SCOPE Perfo 7000 Engine oil meets and exceeds the requirements of API SJ/CF and can be used in all types of cars and light duty trucks of gasoline and diesel engines. The product also meets ACEA A3/B3, MB 229.1, VW 500/505, Porsche and BMW.

Typical Physical Characteristics

SAE Viscosity Grade	10W/40	15W/40	20W/40	20W/50	40	50
Viscosity, cSt @100°C	14.50	14.80	14.80	18.50	15	19
Viscosity Index	146	136	115	125	95	95
Pour Point	-33	-27	-24	-24	-15	-12
Flash Point CoC°C	216	220	230	230	250	260
TBN ASTM D 2896	10	10	10	10	10	10
Apparent Viscosity – Cp	6600	6400	7600	7800	-	-
	c-25°	c-20°	c-15°	c-15°		



Four Stroke Engine Oil

SCOPE Perfo 4T oils are blended with high performance base stocks and precisely balanced additives to provide high clutch frictional performance, outstanding engine cleanliness and excellent wear protection at high temperatures. This specially designed motorcycle engine oil helps to deliver unsurpassed performance under severe operating conditions in All Seasons, driving environments, from mild to severe, and on the racetracks.

Main Benefits

- Optimized frictional properties
- Exceptional wear protection
- Outstanding thermal and oxidation stability
- Outstanding engine cleanliness, smooth and reliable operation
- Long life of critical valve train and bearing components

Applications

SCOPE Perfo 4T engine oil is recommended for the lubrication of four-stroke motorcycle engines of all Japanese, European and other manufacturers.

Specifications

SCOPE Perfo 4T meets and exceeds the requirements of API SJ/CF, JASO MA, MA2, MB and can be used in all types of cars and light duty trucks of gasoline engines.

Typical Physical Characteristics

SAE Viscosity Grade	20W/50	10W/40	10W/30
Viscosity, cSt @ 100°C	18.30	14.5	11.0
Viscosity Index	125	155	145
Pour Point	-24	-36	-36
Flash Point COC	230	226	220





Fully Synthetic Diesel Engine Oil - API CK4/SN

SCOPE Metric CK4/SN Diesel Engine Oil is formulated with hydro-cracked base stocks and a tailored additive package that helps extend engine life. Proprietary formulation delivers excellent wear protection, outstanding oxidation stability, and outstanding TBN retention with long oil drain interval. SCOPE Metric CK4/SN oils also provides outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear, and high temperature deposits.

Main Benefits

- Greater engine efficiency, longer engine life and oil life.
- Excellent oil consumption control / Excellent soot and viscosity control.
- Corrosion protection and extended drain intervals for both new and old engines.
- Outstanding oxidation stability / Outstanding TBN reserves.
- Low ash formulation meeting API CK-4 and CJ-4 requirements.

Applications

Specifically engineered for engines operating under severe service in a wide range of climatic conditions and ambient temperatures. An ideal mixed fleet engine oil designed for naturally aspirated and turbocharged heavy-duty diesel engines in mobile and stationary equipment where the API CK-4 service category is specified.

- Current on-highway low emission diesel engines running on ultra-low sulfur diesel fuel.
- Current off-highway engines including those adapted for future emissions standards in construction, agriculture, marine, and mining applications.
- Mixed fleets where product consolidation is desired for performance and economics



Typical Physical Characteristics

SAE Viscosity Grades	10W/40	15W/40	20W/50
Viscosity, cSt @ 40°C	100	112	168
Viscosity, cSt @ 100°C	14.8	15.0	19.0
Viscosity Index	154	139	128
Pour Point	-33	-39	-27
Flash Point CDC	220	230	240
TBN ASTM D 2896	10.0	10.0	10.0
Apparent Viscosity- Cp	6100	6100	7800
	-25°C	-20°C	-15°C



Heavy Duty Diesel Engine Oil - API CJ4

SCOPE Denim 9050 Diesel Engine Oil is the latest highest quality in Diesel Engine Oil meeting the API CJ4 Standards. It is designed for high speed, four stroke engines designed to meet exhaust emission standards, CJ4 oils are compounded for use in all applications with diesel fuels ranging in sulfur content up to 500 PPM. It is effective at sustaining emission control system durability and oil drain intervals.

Main Benefits

- Meets exhaust emission standards
- Long oil drain intervals
- Excellent control on particulate filter blocking engine wear, piston deposits
- Excellent low and high temperature stability
- Excellent oxidation and foam control
- Excellent control on viscosity loss due to shear

Applications

Scope Denim 9050 Diesel Engine Oil can be used for all latest highly rated turbo charged 4 stroke diesel engines under all operating conditions when sulfur content up to 500 PPM.

Specification & Performance Standards

SCOPE Denim 9050 Diesel Engine Oil meets and exceeds API CJ4, API CI4 with CI4 Plus, CH4, CG4 and CF4. ACEA – E7, E5. cummins CE5 20078, 71, 76, 77. Mercedes Benz: 228.3, MAN 3275 Volvo – VDS3, Scania – LDF , Mack Truck: EOM +, DAF=ACEA E3



Typical Physical Characteristics

SAE Viscosity Grades	15W40
Viscosity, cSt @ 40°C	125
Viscosity, cSt @ 100°C	15
Viscosity Index	123
Pour Point	-36
Flash Point COC	220
TBN ASTM D 2896	9.5
Apparent Viscosity- Cp	6000 -20°C

Heavy Duty Diesel Engine Oil - API CI4

SCOPE Denim 9000 lubricant has been formulated with highly refined base oil and advanced additive technology to achieve latest low emission and high performance requirements of US, European and Japanese engine makers. It provides protection against oil thickening, high temperature, sludge build up, oil degradation and corrosion. It provides good shear stability.

Main Benefits

- Advance additive technology provides wear protection and longer oil life.
- Improved engine cleanliness and protection against piston deposits.
- Excellent performance in heavy duty operation.
- Superior oxidation resistance, soot control and thermal stability.
- Easy cold starting and longer drain interval.

Applications

SCOPE Denim 9000 is recommended to be used in on and off high way diesel engines.

Specification & Performance Standards

SCOPE Denim 9000 meets and exceeds the requirement of API CI4 / CH4 / CG4 / CF4 / CF / SL / SJ, Mercedes Benz 228.5 / 229.1, Allison C-4, ACEA E7 / A3 / B4 JASO DH-1, Global DHD-1, Cummins CES 20078, CES 20077, CES 20076, MAN 3275, VOLVO VDS3, MTU-Type 2, CAT ECF 1

Typical Physical Characteristics

SAE Viscosity Grades	10W/40	15W/40	20W/50
Viscosity, cSt @ 100°C	14.50	15.00	18.50
Viscosity Index	147	140	128
Pour Point	-36	-30	-27
Flash Point COC	212	220	232
TBN ASTM D 2896	11.00	11.00	11.00
Apparent Viscosity - Cp	6500	6200	7800
	c -25°	c -20°	c -15°



Heavy Duty Diesel Engine Oil - API CH4/SJ

SCOPE Denim 2090 is superior quality long drain multi grade oil, formulated with highly refined base stock and selective additive package. Scope Denim 2090 is severe-duty engine oil formulated specially for high speed four stroke diesel engines designed to meet 1999 way exhaust emission standards and also suitable for a wide range of heavy duty off-highway applications.

Main Benefits

- Superior protection against thermal break down at high temperature.
- Lower exhaust emission.
- Excellent performance in heavy duty operations.
- Superior oxidation & thermal stability.
- Longer drain interval and prolong engine life.

Applications

SCOPE Denim 2090 can be used in latest low emission and high performance engines of road transport, construction and other industries where diesel fuel sulfur should not exceed above 0.50% weight.

Specification & Performance Standards

SCOPE Denim 2090 meets and exceeds the requirement of API CH4/CG4/CF4. ACEA: E3, E5/ E7. MB-228.3. Scania E3. Man 271. Volvo VDS-2. GM Allison C 4, Cummins CES 20071, 20072, 20075

Typical Physical Characteristics

SAE Viscosity Grades	10W/40	15W/40	20W/50
Viscosity, cSt @ 100°C	14.50	15.00	18.50
Viscosity Index	150	140	127
Pour Point	-33	-30	-27
Flash Point COC	212	220	232
TBN ASTM D 2896	11.00	11.00	11.00
Apparent Viscosity- Cp	6500	6000	7800
	c -25°	c -20°	c -15°





Heavy Duty Diesel Engine Oil - API CF4/SJ

SCOPE Denim 2070 is a very high performance diesel engine lubricant. It is a multi grade oil of API CF4/SJ level for use in almost all kind of turbo charged heavy duty diesel engines. It is a blend of superior quality base stocks and additives. In addition to it's high level of detergency and dispersancy. It has a stable viscosity index improver that does not shear off under severe operating conditions of high load at high temperatures.

Main Benefits

- Provides longer engine life
- Longer drain period
- Low temperature fluidity, low oil consumption
- Fuel economy and superior wear control of engine parts
- Controls piston deposits, engine cleanliness
- High resistance to oxidation & thermal degradation

Applications

SCOPE Denim 2070 oils can be used under normal conditions for mixed fleet of diesel and gasoline engines. It can also be used as C4 transmission fluid in Allison transmission and in Caterpillar Transmission.

Specification & Performance Standards

SCOPE Denim 2070 meets and exceeds the requirement of API CF4/SJ, MIL-L-2104E, MIL-L- 46152E, CCMC D4, G4, PD2, ACEA A2/B3/E2/02, MB 229.1, VOLVO VDS, MAN 271, MTU – TYPE 1, ALLISON C 4, CAT T02, T03

Typical Physical Characteristics

SAE Viscosity Grades	10W/40	15W/40	20W/50	40	50
Viscosity, cSt @ 100°C	14.50	14.70	18.50	15.00	19.00
Viscosity Index	148	137	125	96	96
Pour Point	-33	-27	-24	-18	-15
Flash Point COC	215	218	230	240	250
TBN ASTM D 2896	10	10	10	10	10
Apparent Viscosity -Cp	6500	6000	7800	N/A	N/A
	c -25°	c -20°	c -15°		



Automotive Gear Oil - API GL5

SCOPE Effol EP Gear Lubes blended with highly refined mineral base oil and selective additives for use in heavy duty operations are used in commercial fleet, manual transmission, axles and final drives. Protects from rust & corrosion and low temperature properties, gives good start in cold weather.

Main Benefits

- Excellent anti-wear and anti-rust characteristics.
- Resistance to oxidation and oil thickening.
- Maximize equipment life and assist smooth shifting in manual transmission.
- Outstanding performance against low speed/high torque wear and high speed scoring.
- Protects against corrosion of ferrous and non-ferrous components.
- Excellent load carrying capability in severe operating conditions.
- Compatible with all type of seals to avoid leakage.

Applications

SCOPE Effol EP Gear Lubricants are recommended for use in Hypoid gears, compatible with seal and gasket material used in automotive gears. Drive axle, trucks, and taxicabs, contracting and farming equipment.

Specification & Performance Standards

SCOPE Effol EP Gear Lubes meets API service categories GL-5 and U.S Military specification MIL-L-2105D



Typical Physical Characteristics

SAE Viscosity Grades	90	140	80W90	85W90	85W140
Viscosity, cSt @ 100°C	18.50	30.00	14.60	18.00	29.00
Viscosity Index	95	95	101	100	98
Pour Point	-18	-12	-27	-21	-21
Flash Point COC	242	258	240	242	252

Automotive Gear Oil - API GL4

SCOPE Effol MP Gear Lubes are premium quality long life gear box oils blended with extreme pressure additives and these oils are environmentally friendly and contains neither lead nor chlorine. They offer good resistance to oxidation, staining, rusting, corrosion and foaming.

Main Benefits

- Outstanding protection against wear and rust.
- Longer drain interval and gear life.
- Good load carrying capability.
- Resistance to oxidation and oil thickening and are compatible to oil seals.
- Good low temperature performance.

Applications

SCOPE Effol MP Gear Lubricants are recommended for commercial vehicle's automotive and passenger car gear type transmission and drive axles operating up to 100°C, Hypoid gear, and contractor equipment and in worm gear final drives.

Specification & Performance Standards

SCOPE Effol MP Gear Lubes meets the performance requirements of API service GL-4 and U.S Military Specification MIL-L-2105C



Typical Physical Characteristics

SAE Viscosity Grades	90	140	80W90	85W90	85W140
Viscosity, cSt @ 100°C	17.5	30.20	14.60	18.00	29.00
Viscosity Index	96	95	101	100	98
Pour Point	-12	-9	-24	-18	-9
Flash Point COC	248	260	240	244	250

Industrial Gear Oil

SCOPE IEP Industrial Gear Oils are premium quality extreme pressure oils designed primarily for lubrication of heavy duty industrial gears. Their high load carrying capacity and anti-friction characteristics combine to offer superior performance in gears and in all industrial applications. They are formulated using high viscosity Index, solvent refined base oils and incorporate special sulfur - phosphorous additives to provide an extreme pressure performance.

Main Benefits

- Excellent load carrying and anti-friction characteristics.
- Outstanding oxidation and thermal stability.
- Effective corrosion inhibition.
- Effective water shedding properties.

Applications

SCOPE IEP Industrial Gear oils can be used in steel gear transmissions, Industrial gears transmissions, Industrial gear drives where a full EP performance is required, circulating and splash lubricated systems and bearings.

Specification & Performance Standards

SCOPE IEP Industrial Gear Oils meets AGMA 250.04 2 EP to 7 EP, AGMA 251.02 4 EP, 5EP, 6EP, DAVID BROWN SL 53.101, US Steel 220 & 224 . Cincinnati Milacron P-63 (68). DIN 51517 part III

Typical Physical Characteristics

David Brown / Grade No	2EP	3EP	4EP	5EP	6EP	7EP
ISO Viscosity Grades	68	100	150	220	320	460
Viscosity, cSt @ 40°C	68	101	150	220	320	450
Viscosity, cSt @ 100°C	8.6	11.2	14.6	18.80	24.01	30.00
Viscosity Index	97	96	96	95	95	95
Pour Point	-24	-21	-18	-15	-12	-9
Flash Point COC	220	232	242	248	254	260
Timken OK load KG	27	27	27	27	27	27



Automatic Transmission Fluid - CVT FLUID

SCOPE Mercur CVT Fluid is a premium quality synthetic based oil designed for today's technologically advanced variable transmissions. It is formulated with synthetic premium base oils, long-life friction modifiers, unique anti-wear additives and shear stable viscosity modifiers for use in passenger cars with belt-driven continuously variable transmissions. It has been specifically engineered to have the unique frictional properties required for use in this type transmission.

Main Benefits

- Excellent steel-on-steel frictional engagement and torque transfer
- Excellent wet clutch performance, shifting and anti-shudder durability
- Superior high temperature protection to effectively resist oxidation
- Extended drain intervals due to improved oxidation resistance
- Excellent low-temperature fluidity for optimal performance in cold conditions
- Maximizes equipment life, by helping to protect against: wear, corrosion, and deposit formation

Applications

SCOPE Mercur CVT Fluid is recommended for service fill use in the passenger car, push-belt and chain-driven continuously variable transmission applications where CVT fluids are recommended only. (except for CVTs that require gear oils, and toroidal CVTs).

*Always consult your owner's manual to check specifications for your particular vehicle



Typical Physical Characteristics

SAE Viscosity Grades	CVT
Viscosity, cSt @ 40°C	36.0
Viscosity, cSt @ 100°C	7.5
Viscosity Index	182
Pour Point	-48
Flash Point COC	210
TBN ASTM D 2896	0.855
Apparent Viscosity- Cp	12000
	-40°C

Automatic Transmission Fluid - DEXRON III

SCOPE MERCUR D-III is a superior quality automatic transmission fluid meeting General Motors GM Dexron III Specifications. It is a special fluid with highly improved performance over DEXRON IID and DEXRON IIE carefully formulated multifunctional power transmission fluid which satisfies the latest requirements of passenger cars and commercial vehicle automatics, it has the facility and oiliness suited to the requirements of modern automatic gear boxes. It has extremely low temperature fluidity.

Main Benefits

- Excellent shift fueling
- Extremely low temperature fluidity
- Shear stability & wear protection
- Maximum oil drain interval
- High temperature oxidation stability

Applications

SCOPE Mercur D-III is recommended for use in automotive automatic transmissions, Hydraulic systems, power steering and certain manual transmissions.

Specification & Performance Standards

SCOPE Mercur Dexron III meets and exceeds General Motors GM Dexron III specifications, Ford M2C 138-CJ/166H, Allison C 4 specifications, CAT - TO2.

Typical Physical Characteristics

Test	Typical Reports
Color	Red
Viscosity @ 40°C	31.0
Viscosity @ 100°C	7.0
Viscosity Index	198
Pour Point °C	-45
Flash Point CoC °C	190
Brookfield mpa -40	18,000



Automatic Transmission Fluid - DEXRON II

SCOPE Mercur is a superior quality automatic transmission fluid formulated with high viscosity index base oils and selective additive package to obtain anti-wear, anti-oxidant, anti-foam properties and low temperature fluidity. It provides excellent protection against wear and their frictional properties gives consistent and smooth shift under a wide range of driving conditions.

Main Benefits

- Excellent anti-wear, anti-oxidant and anti-friction properties.
- Excellent low temperature fluidity, thermal and high shear stability.
- Provides smooth and trouble free operation of ATF.
- Good frictional properties gives smooth shift performance.
- Prompt circulation and effective lubrication at low temperature.

Applications

SCOPE Mercur D II is recommended for use in passenger cars and light trucks as well as power steering which requires Dexron II D specification fluid. It can also be used in some hydraulic system farm equipment. It is compatible with seal material in transmission unit.

Specification & Performance Standards

SCOPE Mercur D- II meets the performance criteria of GM Dexron IID and Dexron IIE, Mercedes Benz 236.7, ALLISON C3, GM 6137M, Caterpillar TO-2.

Typical Physical Characteristics

Test	Typical Reports
Color	Red
Viscosity @ 100°C	6.5
Viscosity Index	170
Pour Point °C	-42
Flash Point CoC °C	202
Brookfield mpa -40	30,000



AW Hydraulic Oil HV

SCOPE Textron AW Hydraulic oils HV are premium quality, shear stable, multi viscosity, anti-wear hydraulic fluids which incorporates a special viscosity index improver additives to enhance their viscosity/temperature characteristics.

Main Benefits

- Excellent oxidation stability.
- Resist oil thickening and deposit formation.
- High shear stability.
- Outstanding anti-wear performance.
- Excellent filterability.
- Rapid air release and corrosion protection

Applications

SCOPE Textron AW Hydraulic Oil HV can be used in all Hydraulic and fluid power transmission system which are subjected to wide variations in temperatures.

Specification & Performance Standards

SCOPE Textron AW Hydraulic Oil HV meets and exceeds the performance standards of Denison HFI, HF2, HFO, FORD M-6C32, GM LHH-04-01, meets Vickers 1-2865, M-29505, DIN 51524 part 2, CINCINNATI P-68, P-69 and P-70. AFRON NFE 480690 (DRY) ARFRON NFE 48-691 (WET) AFRON NFE 48-603.



Typical Physical Characteristics

ISO Viscosity Grades	32	46	68	100
Viscosity, cSt @ 40°C	32	46	67	100
Viscosity, cSt @ 100°C	6.2	8.2	11.00	15.00
Viscosity Index	146	154	156	157
Pour Point	-33	-27	-24	-21
Flash Point COC	210	218	230	250
Air release @ 50°C Max	5	6	9	-

AW Hydraulic Oil

SCOPE Textron AW Hydraulic oils are premium quality antioxidant, anti-wear, anti-rust hydraulic oils for industrial hydraulic applications blended with selected high quality base stocks and special additives to give excellent demulsibility, superior oxidation and thermal stability and excellent load carrying capacity.

Main Benefits

- Excellent oxidation & thermal stability.
- Excellent load carrying capacity.
- Outstanding anti-wear performance.
- Superior filterability and good water separation.
- Low friction and hydraulic stability.
- Excellent air release and antifoam properties

Applications

SCOPE Textron AW Hydraulic Oils can be used in all Hydraulic and fluid power transmission systems suitable for a wide range of other industrial applications.

Specification & Performance Standards

SCOPE Textron Hydraulic Oils meets and exceeds the performance standards of Denison HFI, HF2, HFO specifications DIN 51524 PART 2, FORD M-6C32, CINCINNATI P-68, P-69, VICKERS M 29505 (Mobile Equipment), Vickers 1-2865 (Industrial Equipments) AF nor NFE 48 -603 HM, US steel 136 – 127, ASLE 64-1 to 64-4 70-1 to 70-3.

Typical Physical Characteristics

ISO Viscosity Grades	32	46	68	100	150	220
Viscosity, cSt @ 40°C	32	46	68	102	152	222
Viscosity, cST @ 100°C	5.35	6.65	8.65	10.9	14.7	18.90
Viscosity Index	102	101	98	95	95	95
Pour Point	-27	-24	-21	-18	-18	-12
Flash Point COC	210	226	236	240	250	260
Air release @ 50°C Minutes	2.9	3.8	6.2	-	-	-



Compressor Oil

SCOPE Textron RPM Compressor Oils are premium quality Air Compressor lubricants blended with high quality paraffinic base oils and selected anti-oxidant and rust inhibitors to give low carbon forming tendencies in Air Compressor applications. They are designed for use in rotary and reciprocating compressors both for stationery and mobile applications. These oils can also be used in vacuum pumps because of their low volatility.

Main Benefits

- Very good oxidation resistance
- Very good Air release and anti-foam properties
- Very good rusting and wear protection properties
- Maintains internal surface cleanliness
- Longer oil drains interval

Applications

SCOPE Textron RPM Compressor oils can be used in rotary and reciprocating compressors both for stationery and mobile applications. They can also be used in vacuum pumps and screw pumps.

Specification & Performance Standards

SCOPE Textron RPM Compressor oils meets the German standards DIN 51506 VD-L

Typical Physical Characteristics

ISO Viscosity Grades	32	46	68	100
Viscosity, cSt @ 40°C	32	46	68	98
Viscosity, cSt @ 100°C	5.35	6.65	8.65	10.9
Viscosity Index	99	98	98	95
Pour Point	-30	27	-24	-21
Flash Point COC	208	214	234	246
Air release @ 50°C Minutes	2.9	3.8	6.2	-





SOLUBLE CUTTING OIL

SCOPE Soluble cutting oil fluid has been formulated from premium quality base oils and superior additives suitable for lubricating and cooling a wide range of metal cutting and grinding operations.

It is used in machines with low to medium tensile ferrous metals, non-ferrous metals such as aluminum and alloys. It has greater ability to assist the tools in cutting apparatus. It dispersed acidity in water and produces stable emulsion.

It can be used for milling, boring and turning operations at 10:1 up to 20:1 water and dilution and for grinding at 40:1 dilution.

Typical Physical Characteristics

	Soluble Cutting Oil
Viscosity, cSt @ 40°C	47.0
Viscosity, cSt @ 100°C	6.8
Emulsion	Pass
Flash Point COC	185





NEAT CUTTING OIL

SCOPE Neat cutting oil is non staining type cutting oil blended from high VI Base Oil and contains fatty material enhancing its free flowing and heat dissipation characteristics.

SCOPE Neat Cutting Oil recommended for machining ferrous as well as non ferrous metals and for repetitive machining operations of less severe nature on automatics. It is also recommended for free cutting on mild steel, which involves high spindle speeds and short cycle time.

Typical Physical Characteristics

	Neat Cut Ferrous	Neat Cut non-Ferrous
Appearance	B & C	B & C
Specific Gravity @ 15 c	0.865	0.865
Viscosity Index Viscosity cSt @ 40°C	22	22
Viscosity Index Viscosity cSt @ 100°C	4.35	4.35
Emulsion	Not miscible with Water	Not miscible with Water



Heavy Duty Brake Fluid DOT 3

SCOPE Super 2000 Heavy Duty Brake & Clutch Fluid DOT-3 is a premium glycol quality automotive Brake Fluid meeting the specifications of DOT-3, SAE J1703 and FMVSS No. 116.

Main Benefits

- Long volatility and low pour point ensure performance in normal temperature range
- Provides protection against rust and corrosion
- Compatible with rubber seals
- Miscible with other approved glycol ether
- Good braking response
- Reduces chances of vapor lock

Applications

SCOPE Super 2000 Heavy Duty Brake Fluid DOT-3 is generally used in disc and drums brake systems as well as clutch fluid meeting above standards.

Typical Physical Characteristics

Density @ 20°C	1.030
Appearance	C&B
Viscosity, cSt @ 40°C	Max. 1200
Viscosity, cSt @ 100°C	Min. 1.90
ERBP °C (dry)	240
ERBrC (wet)	150
pH Value	9.0
Color	Natural



Heavy Duty Brake Fluid DOT 4

SCOPE Super 3000 Heavy Duty Brake & Clutch Fluid DOT-4 is a premium glycol type quality automotive Brake Fluid meeting the specifications of DOT-4, SAE J1704, ISO 4925 and FMVSS No. 116.

Main Benefits

- Long volatility and low pour point ensure performance in normal temperature range
- Provides protection against rust and corrosion
- Compatible with rubber seals
- Miscible with other approved glycol ether
- Good braking response
- Reduces chances of vapor lock

Applications

SCOPE Super 3000 Heavy Duty Brake Fluid DOT-4 is generally used in disc and drums brake systems as well as clutch fluid meeting above standards.

Typical Physical Characteristics

Density @ 20°C	1.050
Appearance	C&B
Viscosity, cSt @ 40°C	Max. 1500
Viscosity, cSt @ 100°C	Min. 2.10
ERBP °C (dry)	266
ERBrC (wet)	160
pH Value	7.5
Color	Natural



MP Grease Lithium - NLGI 2 & 3

SCOPE Multipurpose Lithium Greases are made from refined mineral base oil thickened with lithium soap, castor oil and anti-rust and anti-oxidant additives to provide reliable grease for automotive applications.

Main Benefits

- Outstanding water resistance.
- Good mechanical and thermal stability.
- Good anti-corrosion and anti-rust properties.

Applications

Automotive applications such as wheel bearings, chassis points, universal joints. Industrial equipments applications between temperatures ranging from -20°C to 120°C.

Typical Physical Characteristics

NLGI Consistency	2	3
Soap Type	Lithium	Lithium
Base Oil Type	Mineral	Mineral
Drop Point °C	180	185
Penetration, Worked @ 25°C (0.1mm)	275	235



EP Grease Lithium - NLGI 1, 2 & 3

SCOPE Extreme Pressure Lithium Greases are made from refined mineral base oil thickened with lithium soap and enhanced with extreme-pressure agent. Extreme Pressure greases are very effective in automotive and industrial applications.

Main Benefits

- Outstanding water resistance.
- Good mechanical and thermal stability, maintains consistency
- Throughout service life.
- Good anti-corrosion and anti-rust properties.
- Effective extreme pressure and load bearing qualities.

Applications

Automotive applications such as wheel bearings, chassis points, universal joints. Industrial equipments applications between temperatures ranging from -30°C to +120°C.

Good for both automotive and industrial equipments under constant load and severe shock loading conditions.

Good mechanical and thermal stability, maintain consistency.

Typical Physical Characteristics

NLGI Consistency	1	2	3
Soap Type	Lithium	Lithium	Lithium
Base Oil Type	Mineral	Mineral	Mineral
Drop Point°C	190	190	195
Penetration, Worked @ 25°C (0.1mm)	325	275	240



Complex with 5% Moly Grease

SCOPE Lithium Complex Grease with 5% Molybdenum disulfide is unleaded lithium complex soap grease with excellent anti-wear and extreme pressure properties. It carries excellent structural and chemical stability and is recommended for roller bearings subjected to very heavy loads and shock loadings.

Main Benefits

- It has good water washout, spray-off and extended service capabilities.
- Excellent load carrying capability.
- Corrosion and wear protection.

Applications

SCOPE Lithium Complex Grease with 5% Molybdenum disulfide is recommended for universal joints and CV joints of automotive and stationary equipments. It is also used for all general-purpose applications, chassis and plain bearing.



Typical Physical Characteristics

NLGI Grade	2
Soap Type	Lithium complex
Structure	Smooth/Tacky
Mineral Oil Contents %	74
Kinematic Viscosity @ -40°C cSt	320
@ 100°C cSt	22
Dropping Point	250
Corrosion prevention	Pass
Four-Ball EP Weld Load, Kg	400
Four-Ball Wear Test Scar NM	0-4

Lithium Complex Grease

SCOPE Premium Lithium Complex Grease intended for a wide variety of application. It provides excellent high temperature with excellent adhesion, structure ability and resistance to water. This grease has a high level of chemical stability and offers excellent protection against rust, corrosion and wear, especially on axles, rings and bearings. It does not contain lead, chlorine or nitrite.

Main Benefits

- Excellent resistance to water washes out and contamination.
- High anti-wear and extreme pressure performance to be suitable for a wide range of bearing speeds.
- Extended intervals between relubrication due to long product life even under severe operating conditions.
- High anti-wear and extreme pressure performance to be suitable for a wide range of bearing speeds.

Applications

Recommended for severe applications where good high temperature and anti-leakage are required, and for construction mining equipment, paper and steel mills and other heavy-duty applications. It is designed to resist to water wash out, water ingress, corrosive environment and shocks and vibrations.



Typical Physical Characteristics

NLGI Grade	1.5
Soap Type	Lithium complex
Penetration at 25°C	305
Dropping Point °C	>260
Kinematic Viscosity @ -40°C cSt (Base Oil)	460
Timken OK Load, Kg	20
Rust Protection, Distilled Water Washout Test	0-0
Acidic Water (ph=4.5)	0-0
Four-Ball EP Weld Load, Kg	315
Four-Ball Wear Test, Scar nm	0.5

MP Calcium Grease

SCOPE Multi Purpose Calcium Greases are made from refined mineral base oil thickened with calcium soap and balanced additive package.

Main Benefits

- Outstanding water resistance.
- Resistance to contamination.
- Good anti-corrosion and anti-rust properties.

Applications

Automotive applications such as wheel bearings, chassis points, universal joints. Suitable for general applications where speed and load are moderate and operating temperature is less than 80°C

Typical Physical Characteristics

NLGI Consistency	2	3
Soap Type	Calcium	Calcium
Base Oil Type	Mineral	Mineral
Drop Point °C	90	90
Penetration, Worked @25°C (0.1mm)	275	235



Premium Quality Coolant

SCOPE Anti-Freeze Concentrate is a mono-ethylene Glycol based fluid with anti-rust inhibitor. The concentrate is suitable for all passenger cars, light and heavy vehicles. It provides higher boiling point and lower freezing point than water which makes it anti-boil and antifreeze coolant.

Main Benefits

- Protect against rust and corrosion.
- Provide excellent heat transfer characteristics.
- Compatible with all rubber hoses used in cooling systems.
- Good solubility and stability in both soft and hard water.
- Outstanding anti-freeze property.

Applications

SCOPE Anti-Freeze Concentrate can be used in all petrol engine cars, 4 WDs, Light and heavy diesel vehicles. It can also be used at 30-50% in softened or de-mineralized water for automotive cooling systems.



Typical Physical Characteristics

Test	Method	Unit	Result 33%	Result 50%
Appearance	Visual	-	Clear	Clear
Density @ 15°C	ASTM D4052	Kg/L	1.045	1.07
pH	ASTM E70		8.10	7.82
Reflux Boiling point	ASTM D1120	oC	110	110
Reserve Alkalinity	ASTM D1121	ml	0.85	1.20
Foaming Tendency	ASTM D4921	ml	1	1
Freezing Point	ASTM D3321	oC	-25	-37
Copper Strip corrosion, 100°C, 24h	In-house	-	Pass	Pass

Heat Transfer Fluid

SCOPE HT Heat Transfer fluids are high performance mineral oils and have good thermal conductivity. It is recommended as a heating medium and can operate at a maximum temperature of 270°C. They are available in various viscosity grades.

Main Benefits

- Uniform heat transfer.
- Long service life.
- Protects against corrosion.
- Prevents deposits.

Applications

SCOPE HT Heat Transfer fluids are recommended in service for closed systems whose bulk temperature does not exceed 270°C.

Typical Physical Characteristics

ISO Viscosity Grades	32	46	68	100
Viscosity, cSt @ 40°C	31	45	67	98
Viscosity, cSt @ 100°C	5.25	6.65	8.50	10.90
Viscosity Index	99	99	96	95
Pour Point	-18	-15	-12	-9
Flash Point COC	210	218	234	244





Marine Engine Oil - 12 TBN & 15 TBN

SCOPE Centex Marine Engine oil are a blend of superior quality high viscosity index paraffinic base stock with balanced additive package. They have TBN value of 12 & 15 and are recommended for crank case and cylinder lubrication of trunk piston type naturally aspirated or turbo charged medium speed marine and stationery diesel engines. Burning heavy fuel up to 1.0% with sulfur content under severe operating conditions.

Main Benefits

- Excellent anti-wear properties.
- Reduces ring & linear wear.
- Excellent detergent dispersant properties to reduce deposits formation and keeps the engine clean.
- Prevents scuffing and scoring of engine parts.
- Excellent anti-corrosion properties.

Applications

SCOPE Centex Marine Engine Oil can be used for crank case and cylinder lubrication of Truck piston type naturally aspirated or turbo charged medium speed marine and stationery diesel engines.

Specifications

SCOPE Centex Marine Engine Oil meets API service classification of API CD.



Typical Physical Characteristics

SAE Viscosity Grades	12 TBN			15 TBN		
	30	40	50	30	40	50
	312	412	512	315	415	515
Viscosity, cSt @ 40°C	110	150	220	110	150	220
Viscosity, cSt @ 100°C	12	15	19	12	15	19
Viscosity Index	98	99	97	98	99	97
Pour Point	-24	-21	-15	-24	-21	-18
Flash Point COC °C	230	240	250	228	238	248
TBN mg KOH/gm	12	12	12	15	15	15



Heavy Duty Marine Engine Oil - 24 TBN, 30 TBN, 40 TBN, 50 TBN

SCOPE Centex Heavy Duty Marine Engine Oils are superior quality detergent lubricants blended specifically for use in the truck piston engines in a variety of services. They are available in various TBN Numbers to match the different types of fuels and sulfur content. They are available in Total Base Numbers of 24, 30, 40 and 50 in SAE 30, 40 & 50 viscosity grades.

Main Benefits

- Excellent Engine cleanliness.
- Very high oxidation resistance.
- Very good Base Number retention.

Applications

SCOPE Centex Heavy Duty Marine Engine Oils be used in medium speed diesel engines burning residue fuels.

Specifications

SCOPE Centex Heavy Duty Marine Engine Oils meets the API service classification standards of API - CD.



Typical Physical Characteristics

SAE Viscosity Grades	24 TBN			30 TBN			40 TBN			50 TBN		
	30	40	50	30	40	50	30	40	50	30	40	50
	324	424	524	330	430	530	340	440	540	350	450	550
Viscosity, cSt @ 40°C	108	150	220	107	155	224	108	155	224	108	155	224
Viscosity, cSt @ 100°C	12	15.2	19.2	12	15.5	19.5	12	15.5	19.5	12	15.5	19.5
Viscosity Index	100	102	98	107	102	99	100	102	99	100	102	99
Pour Point	-24	-21	-18	-24	-21	-18	-24	-21	-18	-24	-21	-18
Flash Point COC °C	226	236	244	226	236	246	226	236	246	226	236	246
TBN mg KOH/gm	24	24	24	30	30	30	40	40	40	50	50	50

VOLVO
Volvo Group Truck Technology

STD 417-0002 approval

Company name: **UNION CRISTAL & LUBRICANTES CO S.L**
 Product name: **SCORPION DEXTRA 1000 Global Extra Super Diesel Engine Oil**
 Oil Code: **1000**
 Viscosity grade: **15W-40**

API SAE J300	15W-40
ACEA E3	15W-40
ISO VG	150
ISO L-GRADE	150
ISO-VG	150
ISO-L-GRADE	150

Approval date: **June 1, 2019** Approval #: **417-0002-19-1159**

Validity: Approved against two years after the approval date.
For approval extension, a new application and updated approval form must be submitted at the expiry date a two months.

Request: **Volvo Group Trucks Technology**
Diego Chantona
 Lubricants Coordinator

DECLARATION: This approval is solely based on information submitted by the applicant and no further quality checks is made by Volvo. Hence, Volvo takes no responsibility to ensure that the quality of this product is continuously maintained. This is the sole responsibility of the Customer (see above).

FORTECH

U.S. Environmental Service and Solutions
 United Engine & Lubricants Co. LLC
 400 N. 2nd St.
 P.O. Box 1000
 Fort Worth, TX 76101
 United Arab Emirates

U.S. Environmental Service and Solutions
 2000 N. Loop West
 Fort Worth, TX 76102
 United Arab Emirates
 P.O. Box 1000
 Fort Worth, TX 76101

5066 / 20 / 16 February 20, 2018

Water Oil Approval:

Product Reference No.	16100000
Product Name	Scorpio 15W-40
API product class	Scorpio 15W-40
ISO product class	150
ISO-VG	150
ISO-L-GRADE	150
ISO-VG	150
ISO-L-GRADE	150

Dear Mr. Yusef Ali,
Based on the information given by your company and our analysis, FORTECH is giving its approval according to the **Procedure of category A&D Lubricants used for petrol engines** in accordance with the Order's stipulation in your order #:

Water Oil Approval
16100000

We will include your order # in the next issue of our "Technical Information Sheet".
 This approval will expire on February 20, 2020. An extension is requested before a good time.
 This approval will expire before the end of the above mentioned period.

You may inform your customers about the approval (Procedure 1610) in a declaration, manufacturing name in their letters and sign that they are not responsible for the failure of other manufacturers' products. Any further reference to Fortech in the rest of the text and signature of Fortech is strictly prohibited.

Yours sincerely,
 Dr. Yusef Ali F. Fortech (Administrative)
 Approval Engineering Department

VOLKSWAGEN
Volkswagen Group

United Engine & Lubricants Co. LLC
 P.O. Box 1000
 Fort Worth, TX 76101
 United Arab Emirates

28.11.2018

Engine Oil
 Dear Mr. Yusef Ali,
 Approval of the engine oil:
Scorpio 15W-40

Has shown that product is qualified. Meets the requirements in accordance with the approval STD 417-0002-19-1159. The engine oil is suitable for use in all petrol and diesel engines, including engines with turbochargers in accordance with the Order's stipulation for your product.

Is that it is clear to both customers and suppliers that this approval has been granted, continuously should state.

Approved under VW Standard 502 00 and VW Standard 502 01
 Please note that this approval expires after 24 months, at which point compliance with the first valid VW approvals must be verified again.

Yours sincerely,
 Dr. Yusef Ali

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September 19, 2008

Scott Khoshdel
 United Engine & Lubricants Co. LLC
 P.O. Box No. 1000
 Fort Worth, Texas
 United Arab Emirates

Dear Scott,
CONFORMANCE TO CES 2007 ENGINE OIL SPECIFICATION
 Results have been according to CES 2007 has been presented to Customer. In view of the results I would like to give the following comments:
 The results have been found to be within the CES 2007 limits and hence will be considered as good in your request can be treated as conforming to CES 2007.
 The oil shall be used for the medium response and SAE grade guidelines in the engine specific Operation and Maintenance (O&M) manual as well as in any Customer service literature.
 Please notify Customer Inc. if the introduction of this product changes.

Best Regards,
 Scott Khoshdel
 SAE Grade: 15W-40
 I hope this information will be of assistance to you.

Sincerely,
 Steve D. Wilson
 Chemical Technology

Steve D. Wilson
 Chemical Technology

NOTE: Please inform us if you have any questions or need further technical information. We will be happy to assist you. We will be happy to assist you. We will be happy to assist you.

Customer Inc.
 100 Jackson Street
 Columbus, IN 47203 USA
 Phone: 1-317-337-1000
 Fax: 1-317-337-1000

Version Date: May 1, 2008

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 Columbus, IN 47203 USA
 Phone: 1-317-337-1000
 Fax: 1-317-337-1000

Version Date: May 1, 2008



الشركة المتحدة للشحوم والزيوت ذ.م.م

UNITED GREASE & LUBRICANTS Co. L. L. C.

P.O. Box: 2685, Ajman - United Arab Emirates
Tel.: +971 6 743 6521, Fax: +971 6 743 9709
E-mail: sales@unitedgrease.ae | www.unitedgrease.com



An ISO 9001: 2015 Certified Company