



# AUTOMOTIVE LUBRICANTS


*Liquid Technology...*



- ◆ FORMULATED IN ITALY
- ◆ AFRICAN BRAND

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## WHAT ARE THE MAIN FUNCTIONS OF A LUBRICANT?

- ③ Keep moving surfaces separate under all load, temperature and speed conditions.
- ③ It acts as a coolant, removing the heat produced by friction or external sources
- ③ Maintain its stability for its entire service life.

## WHAT ARE THE KEY PROPERTIES OF A LUBRICANT

### Lubricants are classified based on:

- ③ Their degree of viscosity;
- ③ Their compliance with a performance specification.
- ③ Viscosity describes a fluid's internal resistance to flow; it indicates fluidity but is not a performance indicator. For adequate lubrication under all temperature and load conditions, a film of oil must be formed between the mechanical parts, preventing them from coming into contact with each other.
- ③ An oil must be fluid when cold so that it can immediately reach its parts that require lubricating, and viscous when hot so that it remains in contact with the parts requiring lubrication and support loads. An overly viscous oil increases losses through viscous friction and increases fuel consumption by increasing the power absorbed by the oil pump when the engine is ignited. Performance specification, meanwhile, are used to classify lubricants based on their performance and specific use.



## **WHAT DOES COMPLIANCE WITH A PERFORMANCE SPECIFICATION MEAN?**

Compliance with a performance specification in lubricants means the product meets or exceeds industry or OEM standards for key performance traits like viscosity, wear protection, thermal stability, oxidation resistance, and compatibility. This ensures the lubricant performs reliably in specific applications, protects equipment, maintains efficiency, and often meets warranty or regulatory requirements. Testing by standards organizations or third parties verifies compliance.



# 10 REASONS

Why Skyshore lubricant is the best choice

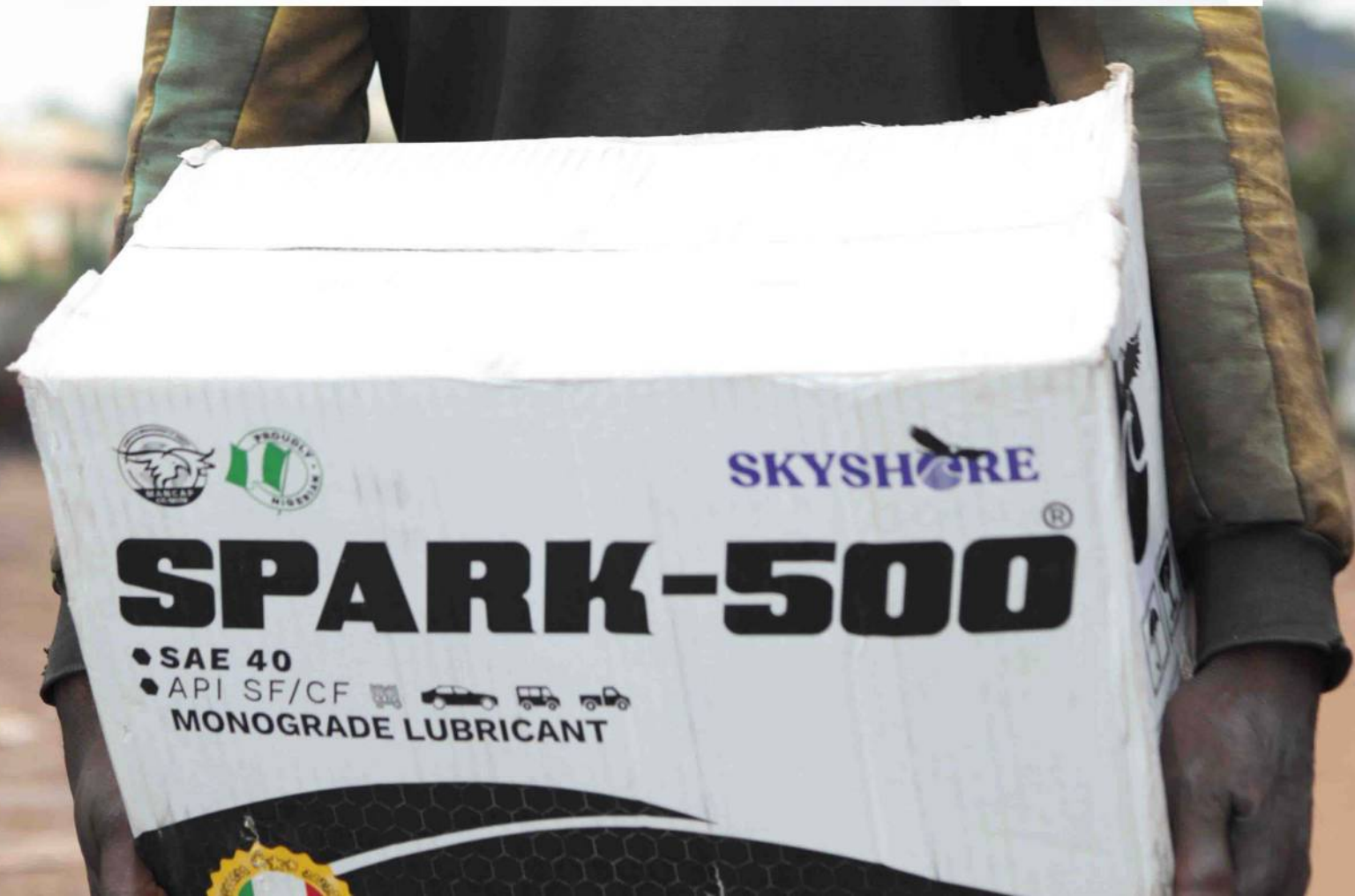
- 1 Sustainability**  
Respectful use of resources, be it people be it the environment. For example skyshore is also using re-refined base oils to produce
- 2 Trust**  
More than 10 years of experience in the lubricant business around the world.
- 3 Intentionality**  
Skyshore lubricants has successfully sold in West Africa
- 4 High Quality**  
Our products are based on a careful selection of the best raw materials and additives which guarantees the production of premium quality
- 5 Integrated Production Cycle**  
Skyshore produces finished product using base oil, additives and italian technology
- 6 World - class work - force**  
Working with skyshore means working with its highly motivated people committed to providing solutions to all customers
- 7 Research & Development**  
More than 200 employees in research and development including the collaboration with the main research institutes in this field
- 8 Customer Care**  
Our personal mission is to listen, understand and fulfil our customers' needs, hence involve them in our decision-making process.
- 9 Service**  
Skyshore is committed to excellent and efficient service and high customer orientation
- 10 Made in Nigeria**  
Nigeria's well-renowned tradition and culture of design to improve. The quality of life is a fundamental part of our thinking and products, so we are proud to export Nigeria to all parts of Africa

# PRODUCT OVERVIEW

☛ Skyshore produces a complete range of lubricants designed to meet the demands of modern engines and machinery. Our product families include: Each formulation meets or exceeds international specifications, including API, ACEA, and OEM approvals.

☛ Automotive Lubricants: For passenger vehicles, SUVs, light trucks.

Specialty Oils: Monograde and Multigrade solutions for mixed fleets.



**SKYSHORE APEX 2000 SAE 20W-50 MOTOR OIL API SG/CF. 07**

## Product Description

Skyshore APEX 2000 SAE 20W-50 Motor Oil API SG/CF, is a high-performance multi-grade engine oil with excellent shear stability. It is formulated with premium base fluids to ensure reliable lubrication for gasoline engines in cars and light trucks. It meets API SG and API CF performance, offering dependable protection. It provides strong wear protection and performance across a variety of engine types and temperatures.

Features and

### Features and Benefits

- ③ Helps reduce engine wear and corrosion
- ③ Helps keep the engine clean
- ③ Multi-grade motor oil allows easier starts at low temperatures
- ③ It prevents the formation of sludge and deposits, resulting in prolonged engine life

### Applications

- ③ Suitable for petrol and diesel engines of passenger cars, mini bus taxis, light commercial vehicles, and contractor equipment
- ③ Designed for highway and off-road applications  
Perfectly suited to normal driving conditions  
Where API performance category SG/SF/CF oils are recommended.  
Designed for highway and off-road applications.

### Specifications

This product meets or exceeds the requirements of:  
API SG/CF and lower.



**SKYSHORE APEX 2000 SAE 20W-50 MOTOR OIL API SG/CF.**

**08**

**TECHNICAL TEST DATA**

TEST	UNIT	TEST METHOD	RESULTS
Viscosity Grade			SAE 20W-50
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.8852
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	18
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	172.6
Kinematic viscosity Index		ASTM D2270	120
Total Base number	mgKOH/g	ASTM D2896	7.5
Flash point COC	°C	ASTM D92	245
Pour point	°C	ASTM D6749	-21
Cold Cranking Simulation, CCS	mPa.s	ASTM D5293	6500 @ -15°C

**ACCURACY OF INFORMATION**

The data in this PDS is typical and may change due to ongoing research and development. Values may vary due to testing procedures and manufacturing processes.

Skyshore is not responsible for product deterioration due to improper storage or handling. For best practices, contact your local distributor.

**PRODUCT AND ENVIRONMENTAL SAFETY**

This product is safe when used as recommended and in accordance with the MSDS guidelines. For detailed handling instructions, refer to the MSDS from your local distributor. Do not use it for unintended applications



## Product Description

Skyshore Sigma HD SAE 40 monograde engine oil API CF/SF is made from 100% virgin base stock, advanced additives, and modern technology. It offers excellent lubrication for API recommended and lower diesel engines. This oil is built for heavy-duty applications, such as trucking, construction, and agriculture. It performs well in tough conditions, protecting against high temperatures, wear, and corrosion while ensuring smooth engine operation.

### Features and Benefits

- Optimised detergency and dispersancy levels.
- A high viscosity index provides reliable engine protection.
- Utilises advanced additive technology.
- Offers excellent anti-wear, anticorrosion, anti-rust, and antioxidation protection.

### Applications

- A lubricant designed for both diesel and gasoline engines.
- Suitable for all driving conditions, including city streets, roads, and highways.
- Specifically designed for certain cars and utility vehicles.
- Meets manufacturer recommendations for lubricants conforming to API SF

### Specifications

This product meets or exceeds the requirements of:  
CF/SF



**SIGMA HD SAE 40 API CF/SF MONOGRADE ENGINE OIL**

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**TECHNICAL TEST DATA**

TEST	UNIT	TEST METHOD	RESULTS
Viscosity Grade			SAE-40
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.895
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	14.32
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	142
Kinematic viscosity Index		ASTM D2270	98
Total Base number	mgKOH/g	ASTM D2896	6.5
Flash point COC	°C	ASTM D92	250
Pour point	°C	ASTM D6749	-12

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## Product Description

Skyshore Spark 500 SAE 40 API SF/CF, is a versatile engine oil for both gasoline and diesel engines in cars and light trucks. It meets the strict API SF and API CD standards, ensuring reliable performance. Its formulation protects critical engine components and extends engine life. This oil is ideal for mixed fleets and heavy-duty applications, including commercial transport and agricultural vehicles.

### Features and Benefits

- ③ Tailored levels of detergency and dispersancy.
- ③ Uses modern additive technology.
- ③ Provides strong anti-wear, anticorrosion, antirust, and antioxidation protection.
- ③ A good Viscosity Index ensures Engine protection

### Applications

- ③ Lubricant formulated for use in both gasoline and diesel engines.
- ③ Meets manufacturer recommendations for API SF/CD lubricants.
- ③ All types of usage conditions (streets, roads, and highways).
- ③ Specifically designed for certain cars and utility vehicles.

### Specifications

This product meets or exceeds the requirements of: API SF/CF.



**SKYSHORE SPARK 500 SAE 40 API SF/CF.**

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**TECHNICAL TEST DATA**

TEST	UNIT	TEST METHOD	RESULTS
Viscosity Grade			SAE-40
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.895
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	14.32
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	142
Kinematic viscosity Index		ASTM D2270	98
Total Base number	mgKOH/g	ASTM D2896	6.5
Flash point COC	°C	ASTM D92	250
Pour point	°C	ASTM D6749	-12

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**SKYSHORE APEX 6000 SAE 20W-50 API SM/CF.**

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## Product Description

Skyshore Apex 6000 SAE 20W-50 API SM/CF, is a premium petrol engine oil intended for professional use. Formulated with mineral-based technology, it enhances fuel efficiency while safeguarding engine components. Suitable for turbocharged and non-turbocharged gasoline engines, light diesel engines, and four-stroke engines, it offers versatility across vehicle types. This oil excels under severe and diverse operating conditions. Additionally, it is compatible with gasoline-powered equipment, delivering reliable performance in demanding environments.

### Features and Benefits

- ⊕ Superior wear protection and friction control.
- ⊕ Excellent thermal stability and low-temperature performance
- ⊕ Strong resistance to oxidation, rust, and deposits
- ⊕ Extended oil change interval

### Applications

- ⊕ Optimised engine performance with reduced friction and improved fuel efficiency.
- ⊕ Extended engine life with enhanced lubrication and component durability.
- ⊕ Reliable protection across all temperatures, ensuring smooth operation and minimal deposits.

### Specifications

This product meets or exceeds the requirements of: API SM/CF.



**SKYSHORE APEX 6000 SAE 20W-50 API SM/CF.**

**TECHNICAL TEST DATA**

TEST	UNIT	TEST METHOD	RESULTS
Viscosity Grade			SAE 20W-50
Density at 15°C	g/cm <sup>3</sup>	ASTM D4052	0.8852
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	18
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	172.6
Kinematic viscosity Index		ASTM D2270	120
Total Base number	mgKOH/g	ASTM D2896	7.5
Flash point COC	°C	ASTM D92	245
Pour point	°C	ASTM D6749	-21
Cold Cranking Simulation, CCS	mPa.s	ASTM D5293	6500 @ -15°C

**ACCURACY OF INFORMATION**

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## Product Description

Apex 3000 is a premium-quality engine lubricant formulated with high-performance base oils. It is specifically developed to meet the requirements of older engines and is ideal for petrol-fueled and naturally aspirated diesel engines operating under demanding conditions.

The formulation ensures consistent performance, reliable protection, and cleanliness across various driving environments, making it an excellent choice for vehicles requiring robust lubrication under heavy-duty operations.

### Features and Benefits

- ⊛ Engine Cleanliness: Prevents sludge and deposit formation.
- ⊛ Smooth Performance: Keeps piston rings free and moving.
- ⊛ Thermal Stability: Resists breakdown under high heat.
- ⊛ Anti-Wear Protection: Reduces wear on vital engine parts.
- ⊛ Low Maintenance: Extends service life and reduces upkeep.
- ⊛ Heavy-Duty Reliability: Performs consistently under demanding conditions.

### Applications

- ⊛ Suitable for older petrol and naturally aspirated diesel engines.
- ⊛ Recommended for cars, SUVs, and light-duty trucks using 20W-50 oils.
- ⊛ Ideal for hot climates, heavy traffic, and dusty environments.

### Specifications

This product meets or exceeds the requirements of: API SL/CF.



**TECHNICAL TEST DATA**

PROPERTIES	UNIT	TEST METHOD	TYPICAL
Density at 15°C	kg/m <sup>3</sup>	ASTM D 4052	893
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D 445	18.5
Viscosity Index	-	ASTM D 2270	124
Viscosity at -15°C	mPa·s	ASTM D 5293	9000
Flash Point (COC)	°C	ASTM D 92	232
Pour Point	°C	ASTM D 97	-21
B.N. (Base Number)	mg KOH/g	ASTM D 2896	7

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## Product Description

Skyshore Sintec Pro 0W-30 is a fully synthetic engine lubricant formulated for turbocharged gasoline and diesel engines equipped with multijet or common-rail systems. Developed using high-performance synthetic base oils and enriched with advanced detergents, dispersants, and anti-sludge additives, it ensures superior engine cleanliness, protection, and stability across a wide range of operating conditions..

### Features and Benefits

- Acid Neutralisation: Utilises calcium sulfonate-based technology for long-term protection.
- Anti-Corrosion & Anti-Rust: Ensures effective defence against oxidation and corrosion.
- Outstanding Dispersancy: Keeps contaminants in suspension to prevent sludge buildup.
- Strong Lubricating Film: Provides consistent high-temperature protection (high HTHS).
- Thermal Stability: Resists viscosity increase under severe heat.
- Zero Evaporation: Reduces oil consumption and extends oil life.

### Applications

- Suitable for older petrol and naturally aspirated diesel engines.
- Ideal for hot climates, heavy traffic, and dusty environments.
- Recommended for cars, SUVs, and light-duty

### Specifications

- ACEA A3/B4, API SN, CF
- MB 229.1, 229.5, 229.52, 226.5
- VW 502.00, 505.00
- FIAT 9.55535-M2, Z2, N2, H2
- GM-LL-B025, BMW LL-01
- RENAULT RN 0700, RN 0710
- PORSCHE A40
- PSA B712296



**TECHNICAL TEST DATA**

PROPERTIES	UNIT	TEST METHOD	TYPICAL
Colour	-	Visual	Amber
Appearance	-	Visual	Limpid
Density @15°C	Kg/dm <sup>3</sup>	ASTM D7042	0.858
Viscosity @40°C	cSt	ASTM D445	89
Viscosity @100°C	cSt	ASTM D445	14.0
Viscosity Index	-	ASTM D2270	162
Flash Point	°C	ASTM D92	230
Freezing Point	°C	ASTM D97	-33

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## Product Description

Skyshore Sintec Top 5W-40 is a high-performance, fully synthetic lubricant developed for modern gasoline, diesel, and hybrid engines, particularly those of BMW, which require the LL-12FE specification.

Engineered to deliver maximum efficiency and durability, it offers excellent cleaning, dispersing, and protective performance throughout extended service intervals. Its formulation enhances energy savings and contributes to reduced fuel consumption and emissions.

### Features and Benefits

- Ⓢ Energy Efficiency: Reduces fuel consumption and supports energy-saving performance.
- Ⓢ LSPI Protection: Prevents low-speed pre-ignition in modern turbocharged engines.
- Ⓢ Low Friction Coefficient: Minimizes internal drag for improved engine response.
- Ⓢ Emission Reduction: Promotes cleaner combustion and lower pollutant output.
- Ⓢ Oxidation Stability: Maintains integrity under high thermal stress.
- Ⓢ Temperature Adaptability: Excellent fluidity at low temps; stability at high temps.

### Applications

- Ⓢ Suitable for gasoline, diesel, and hybrid engines.
- Ⓢ Designed primarily for BMW engines
- Ⓢ requiring BMW LL-12FE specification.
- Ⓢ Ideal for modern turbocharged
- Ⓢ engines and vehicles needing fuel economy lubricants.

### Specifications

- Ⓢ API SP, API SN-PLUS, ACEA C2
- Ⓢ BMW LL-12FE, BMW 83212365935, 83212405666, 83212405097
- Ⓢ MB 229.61, MB 227.61
- Ⓢ FORD WSS-M2C920-A
- Ⓢ VOLVO VCC 95200377
- Ⓢ FIAT 9.55535-GS1, FIAT 9.55535-DS1



**TECHNICAL TEST DATA**

PROPERTIES	UNIT	TEST METHOD	TYPICAL
Colour	-	Visual	Amber
Appearance	-	Visual	Limpid
Density @15°C	Kg/dm <sup>3</sup>	ASTM D7042	0.847
Viscosity @40°C	cSt	ASTM D445	64.2
Viscosity @100°C	cSt	ASTM D445	11.5
Viscosity Index	-	ASTM D2270	176
Flash Point	°C	ASTM D92	227
Freezing Point	°C	ASTM D97	-42

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## Product Description

SKYSHORE SINTEC PRO 5W-30 C3 MID SAPS is a highperformance, low-ash synthetic engine oil specifically formulated for modern petrol and diesel engines equipped with exhaust gas treatment systems.

It meets the stringent requirements of Euro V and Euro VI emission standards. It is engineered with low levels of sulphur, phosphorus, and ash to ensure full compatibility with SCR, DPF, and TWC catalytic converters.

This lubricant provides outstanding protection against wear and oxidation, ensuring extended oil drain intervals, reduced emissions, and improved fuel efficiency in modern engines.

### Features and Benefits

- Ⓢ Oxidation Stability: Extends oil life and performance.
- Ⓢ LSPI Protection: Prevents low-speed pre-ignition in turbo engines.
- Ⓢ Engine Cleanliness: Keeps components free from sludge.
- Ⓢ Fuel Efficient: Reduces friction and improves economy.
- Ⓢ Temperature Resistant: Performs in hot and cold conditions.
- Ⓢ Corrosion Guard: Protects against rust and wear.
- Ⓢ Low SAPS: Ensures compatibility with emission systems.

### Applications

- Ⓢ Suitable for modern petrol and diesel engines requiring ACEA C3 or equivalent performance level.
- Ⓢ Ideal for passenger cars, SUVs, and light commercial vehicles built to Euro V / Euro VI standards.
- Ⓢ Perfect for stop-and-go traffic, highway driving, and extreme temperature conditions.
- Ⓢ Recommended for vehicles equipped with DPF, TWC, and SCR systems.

### Specifications

- Ⓢ API SP SN-PLUS ACEA C3
- Ⓢ BMW LL-04
- Ⓢ MB 229.51 MB 229.52
- Ⓢ OPEL OV 0401547
- Ⓢ RENAULT RN-0700 RN-0710
- Ⓢ Skyshore Sintec Pro 5W-30 22
- Ⓢ TECHNICAL TEST



**TECHNICAL TEST DATA**

PROPERTIES	UNIT	TEST METHOD	TYPICAL
Colour	-	Visual	Amber
Appearance	-	Visual	Limpid
Density @15°C	Kg/dm <sup>3</sup>	ASTM D7042	0.852
Viscosity @40°C	cSt	ASTM D445	67.1
Viscosity @100°C	cSt	ASTM D445	11.4
Viscosity Index	-	ASTM D2270	165
Flash Point	°C	ASTM D92	229
Freezing Point	°C	ASTM D97	-35

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# SKYSHORE LUBRICANTS

Automotive lubricant, Industrial lubricants,  
Marine lubricants, Transmission Oils, Food line  
lubricants, Greases, Bitumen

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LUBRICANTS