

SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA

Low SAPS SHPD low-friction motor oil based on 100% biosynthetics.

Description

The new ROWE SUNSPEED is a motor oil based on biosynthetics. ROWE SUNSPEED uses non-mineral base oils with high-performance synthetic hydrocarbon compounds synthesized entirely from plant biomass. The innovative lubricant combines sustainability with impressive performance.

SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA delivers superlative cold-start performance and exceeds the established CCS standard. A key factor for optimizing fuel consumption. Furthermore, the formulation exhibits minimal evaporation losses, even at very high temperatures, and achieves excellent NOACK ratings. A crucial criterion for optimized oil consumption and consistent oil quality.

ROWE SUNSPEED offers top-rate efficiency, particularly for turbochargers, superchargers and hybrids.

SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA is a new SHPD (Super High Performance Diesel) motor oil with reduced sulphate ash, phosphorous and sulfur content (low SAPS) and is specially developed for today's truck, bus and construction machinery diesel engines equipped with exhaust treatment systems.

Application

SUNSPEED TRUCKSTAR SAE 10W-40 MULTI-LA combines American and European low-ash specifications in just one product. It is optimally suited to vehicles with modern exhaust treatment systems such as diesel particle filters (DPF), SCR (Selective Catalytic Reduction) catalytic converters and high exhaust gas recirculation (EGR) rates. Its modern concept enables a wide range of applications in accordance with manufacturer specifications and ensures safe operation even under tough conditions.

Approvals

- Deutz DQC IV-18 LA

ROWE recommendations

- ACEA E6,E7,E8,E9,E11
- API CK-4
- CAT ECF-3/2/1-a
- Cummins CES 20081/20086
- DAF
- Detroit Diesel 93K222/93K218
- DTFR 15C110 (ex. MB 228.51)/DTFR 15C100 (ex. MB 228.31)
- Iveco 18-1804 TLS E9
- JASO DH-2
- Mack EOS-4.5
- MAN M 3775/M 3477/M 3271-1
- MB 226.9
- MTU Type 3.1
- Renault RLD-3/RGD/RXD
- Scania Low Ash
- Volvo VDS-4.5/CNG

Advantages

- protects fossil resources. Synthetic base oils made from 100% biomass
- fully compatible. Problem-free topping up and refilling of systems containing conventional motor oil
- tested top-rate performance. Recommended for commonly used standards and specifications
- reduced oil consumption thanks to very low evaporation losses
- top-rate efficiency for turbochargers, superchargers and hybrids
- facilitates extremely long change intervals, in accordance with manufacturer specifications
- optimized fuel consumption thanks to excellent cold start performance
- fuel savings due to low-friction characteristics
- safe all-year round operation thanks to excellent viscosity-temperature relationship and high shear stability
- first-class rationalization product with wide range of applications for commercial vehicles, buses and construction machinery

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.845
Kinematic viscosity KV 100	ASTM D-7042	mm²/s	14,6
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	93
Viscosity index	ASTM D2270	-	164
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	242
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-30
CCS	ASTM D-5293	cP @ °C	3250 @ -25°C
Total base number	DIN 51639-1	mgKOH/g	10,2
HTHS	ASTM D4683	mPas	4,1
Sulphated ash	ASTM D874	wt-%	0,95
Noack	ASTM D5800	%	7,3
Foaming behaviour at 24°C	ASTM D 892	ml/ml	0/0
Foaming behaviour at 93.5°C	ASTM D 892	ml/ml	5/0
Foaming behaviour at 24°C to 93.5°C	ASTM D 892	ml/ml	0/0
Renewable Resource Content		%	75

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).