TITAN CARGO MAXX II SAE 5W-30

Premium MAXX Performance Engine Oil with new XTL-Technology. Specially developed for vehicles with modern exhaust after treatment and turbochargers. Optimum cold starting properties and ageing stability for extreme fuel-economy over the whole drain-interval.

Description

TITAN CARGO MAXX II SAE 5W-30 is a Premium Low-SAPS engine oil developed for commercial vehicles. The XTL®-Technology (Xtreme Temperature Lubrication) offers maximum fuel economy over the whole drain-interval due to outstanding oxidation and ageing stability. TITAN CARGO MAXX II SAE 5W-30 guarantees optimum protection for modern diesel particulate filters and catalysts and provides improved durability. Due to minimum evaporation loss, the oil consumption and turbocharger deposits are significantly reduced. This new technology meets the latest API CK-4 specification and offers maximum performance over the entire temperature range and ensures best cold start properties even at very low temperatures. TITAN CARGO MAXX II SAE 5W-30 exceeds conventional UHDP lubricants in versatility and performance.

Application

TITAN CARGO MAXX II SAE 5W-30 is especially developed for commercial vehicles with turbocharging and modern exhaust gas treatment systems. Because of the extensive performance profile TITAN CARGO MAXX II SAE 5W-30 is suitable as a rationalization product, also for older vehicles. TITAN CARGO MAXX II SAE 5W-30 meets all latest ACEA Ex Specifications in combination with API CK-4. TITAN CARGO MAXX II SAE 5W-30 is miscible and compatible with conventionally branded engine oils. In order to fully utilize the product's benefits, mixing with other engine oils should be avoided and a complete oil change is recommended when converting to TITAN CARGO MAXX II SAE 5W-30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Additional increase of the fuel economy over the whole drain-interval up to 0,6% compared with quality engine oils of the same SAE-viscosity grade
- Prevents deposits in engines and especially in turbochargers and features excellent operating safety and low maintenance costs
- Excellent piston cleanliness
- Significantly reduced oil consumption offered by XTL®
- Suitable for longest drain-intervals
- Improved ageing stability and lower viscosity increase over the whole drain-interval
- Best protection for modern exhaust gas after treatment systems
- Excellent wear protection even under high operation conditions
- Provides high performance reserves even under extreme operation conditions
- High neutralization behavior against acidic residues in combination with latest Low-SAPS technology
- Fulfills all latest ACEA Ex specifications (ACEA E11/E9/E8/E7/E6/E4) in combination with API CK-4.
- TITAN CARGO MAXX II SAE 5W-30 offers a wide application profile and is the rationalization product for mixed fleets

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Specifications

- ACEA E11, E9, E8, E7, E6, E4
- API CK-4/CJ-4
- CAT ECF-3
- JASO DH-1/DH-2/DL-0

Approvals

- CUMMINS CES 20081
- CUMMINS CES 20086
- DEUTZ DQC IV-18 LA
- MACK EOS-4.5
- MAN M 3677
- MAN M 3775
- MAN M 3777
- MB-APPROVAL 228.31
- MB-APPROVAL 228.51
- MB-APPROVAL 228.52
- MTU DDC TYPE 2.1
- MTU DDC TYPE 3.1
- RENAULT RLD-3
- SCANIA LDF-4
- VOLVO VDS-4.5

FUCHS Recommendations

- DETROIT DIESEL 93K218
- DETROIT DIESEL 93K222
- IVECO 18-1804 CLASSE TLS E6
- LH-00-ENG LA
- MAN M 3271-1
- MAN M 3477
- MAN M 3575
- RENAULT RLD-4
- SCANIA LA

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.856	g/ml
SAE grade	SAE J300	5W-30	
Kinematic Viscosity at 40°C	DIN 51562-1	70.8	mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	12.1	mm²/s
Viscosity Index	DIN ISO 2909	170	
HTHS	CEC L-036-90	≥ 3.5	mPa*s
Pour Point	DIN ISO 3016	-36	°C
Sulphated ash	ASTM D874	1.0	% m/m
Product dyeing	DIN 10964	none	

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