



HEAVY DUTY SUPREME

Synthetic lubricant with low ash content for very adverse working conditions

Description

THPD (Top High-Performance Diesel) engine oil-lubricant. Formulated from synthetic base oils and latest generation additives with low ash content (Mid/low SAPS).

Applications

- Modern heavy-duty diesel (HDDE) and gasoline engines in trucks, buses and heavy machinery (Public works, agricultural and forestry).
- Mixed fleets of vehicles from different manufacturers.
- Especially recommended for engines that incorporate gas aftertreatment systems (EGR, C-EGR, LNT), catalytic reduction systems (SCR) by injection of Urea, diesel oxidation catalysts (DOC) and continuous regeneration traps (CRT).
- Meets the requirements of both European and North American truck builders.
- Engines equipped with particle filter (DPF/FAP).
- Thanks to its low ash content and high lubricating power, it is suitable for use in gas engines that operate with CNG.
- Engine: EURO VI (VI-d). Compatible with previous engines - EURO I, II, III, IV and V.

Properties

- Exceeds the requirements of current low emission engines.
- Excellent cold start properties.
- Very good shear stability.
- Great resistance to oxidation.
- High dispersing power, reducing the formation of deposits and sludge to a minimum.
- Excellent properties against wear, corrosion and foaming.
- Low oil consumption.

Technical Data

	Method	HEAVY DUTY SUPREME	
SAE Grade	SAE J300	10W-30	15W-40
Viscosity at 40°C, cSt	ASTM D-445	74,6	95
Viscosity at 100°C, cSt	ASTM D-445	11,2	14,5
Viscosity index	ASTM D-2270	>140	>140
Flash point, °C	ASTM D-92	>200	210
Pour point, °C	ASTM D-97	-40	-39
TBN mg KOH/g	ASTM D-2896	≥ 9	≥ 9
Noack volatility, max (% weight loss)	ASTM D-5800	<10	<10
Sulfated ash, % on weight	ASTM D-874	<1.0	<1.0

Specifications

ACEA	E11 (E9) / E7 (E5)*
API	CK-4 / CJ-4 / CI-4 SN
DAIMLER (MERCEDES BENZ)	DTFR 15C100 (MB 228.31)
CAT	ECF-3 / ECF-2 / ECF-1a
RENAULT	RVI RLD-4/RLD-3
VOLVO	VDS-4.5
MACK	EOS-4.5
MTU	Type 2.1
DETROIT DIESEL	DFS93K222
MAN	M 3775 / M 3575
CUMMINS CES	20086
FORD	M2C171-F1
JASO	DH-2
DEUTZ	DQC IIII-18 LA

(*) In brackets the previous ACEA classification

Packaging available



The values shown do not constitute a specification but they are an indication based on regular fabrications that can be affected by the tolerance allowed in production





Health, Security and Environmental Procedures

Data sheet for this product, conforming to current European regulations, is available.

Supplies information related to safety precautions, handling procedures, primary treatment and environmental data. We suggest reading before using the product.

Remember to dispose used oil according to current local regulation. Do not throw away in water drains or other waterways (Rivers, lakes, etc.).