



## 05000LE Motor Oil 5W-30 Premium Synthetic Heavy Duty Diesel LE

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### Description

This premium synthetic heavy duty diesel LE motor oil is an advanced fully-synthetic engine oil. It provides superior protection for most modern low emission engines which meet the Euro V and VI standards. This low-sulfur diesel fuel-saving 5W-30 (max. 50 ppm) provides enhanced protection of all exhaust after-treatment systems such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Exhaust Gas Recirculation (EGR) and Continuously Regeneration Traps (CRT). The improved wear protection properties of the blend contributes to the durability of the engine, and this superior 5W-30 engine oil offers the option of extended drain intervals in a wide range of commercial, industrial, off-road, plant and agriculture vehicles. Also recommended for certain engines running on natural gas (CNG), as specified by the manufacturer.

### Application manual

### According to the specifications of

ACEA E11 / E4 / E7 / E8  
API CJ-4 / CK-4  
Caterpillar ECF-3  
Cummins CES 20081 / CES 20086  
DAF  
Daimler Truck Approval DTFR 15C110 (MB 228.51) / DTFR 15C120 (MB 228.52)  
Detroit Diesel 93K222  
Deutz DQC IV-10 LA / DQC IV-18 LA  
IVECO 18-1804 TLS E9  
JASO DH-2  
MAN M 3271-1 / M 3477 / M 3575 / M 3677 / M 3775  
MTU Type 2.1 / Type 3.1  
Mack EO-M Plus / EO-N Premium Plus / EO-O Premium Plus / EO-S 4.5  
Renault RGD / RLD-2 / RLD-3 / RXD  
Scania LDF-4  
Voith Retarder Oil class B  
Volvo CNG / VDS-3 / VDS-4 / VDS-4.5

Packaging units	ART. NR.	VOLUME	ITEMS PER UNIT	ITEMS PER PALLET
	05005LE	5 L	4	112
	05020LE	20 L	1	30
	05060LE	60 L	1	12
	05205LE	205 L	1	2
	05999LE	1000 L	1	-
	P05000LE	1 L	1	-

Standard analyses	TEST	VALUE	METHOD
	Density	0.856	kg/l
	Viscosity	5W-30	
	SAE	5W-30	
	Kinematic Viscosity	11.9	mm <sup>2</sup> /s
	Viscosity Index	165	
	Flashpoint	220	°C
	Pourpoint	-51	°C
	Total Base Number	9.7	mgKOH/g
	Sulphated Ash	0.97	mass%

These characteristics are typical of current production. Variations in these characteristics may occur.