

# FILIX MHPD SAE 15W/50

HEAVY DUTY ENGINE OIL

320203401



## HEAVY DUTY ENGINE OIL

This product is a high-performance diesel engine oil that is developed according to one of the latest emission regulations. This product is suitable for heavily loaded diesel engines. The product can be used in modern diesel engines of trucks, buses, off-road equipment and other heavy-duty materials. This product is highly recommended for diesel engines that meet EURO I, EURO II, EURO III, EURO IV and EURO V emission requirements. It can be used in vehicles with or without DPF filters and is also applicable in vehicles with SCR NOx reduction systems. It is an excellent product that performs well under extreme operating conditions and increases the lifetime of the equipment. This is a perfect product for the complete fleet.

## FUEL ECONOMY RATING



## SPECIFICATIONS

ACEA A3 / B4	CUMMINS CES 20077	MACK EO-N
ACEA E7	CUMMINS CES 20078	MAN M3275-1
ALLISON C4	DAIMLER TRUCK DTFR 15BII0	MB 228.3
API CF-4	DETROIT DIESEL DFS 93K215	MB 229.1
API CG-4	DEUTZ DQC-III-10	MTU OIL CATEGORY 1
API CH-4	DEUTZ DQC-III-18	MTU OIL CATEGORY 2
API CI-4 / SL	GLOBAL DHD-1	RENAULT RLD
CATERPILLAR ECF-1A	IVECO 18-1804 CLASSE T2 E7	RENAULT RLD-2
CATERPILLAR ECF-2	JASO DH-1	VOLVO VDS-3
CATERPILLAR TO-2	MACK EO-L	
CUMMINS CES 20076	MACK EO-M PLUS	

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,881
Kinematic viscosity @ 40 °C	ASTM D445	mm <sup>2</sup> /s	124,2
Kinematic viscosity @ 100 °C	ASTM D445	mm <sup>2</sup> /s	17,6
Viscosity Index	ASTM D2270		156
B.N. (HClO <sub>4</sub> method)	ASTM D2896	mg KOH/g	11,1
Pour point	ASTM D6892	°C	-36
Flash point	ASTM D92	°C	>201
Sulphated ash content	ASTM D874	%	1,5

All data on this technical data sheet is indicative only

202401V01



**DYADE**  
LUBRICANTS

## Product information

People buy this product because they need an E7 CI-4 HD engine oil

### CATEGORY

- Heavy Duty
- Engine Oil

### BASE OIL

- Mineral

### AVAILABLE PACKAGING

- 12x1 L
- 5x4 L
- 4x5 L
- 20 L
- 60 L
- 205 L
- 1000 L