



Anous S MHPD SAE 10W30

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.



BASE OIL:
MINERAL

SPECIFICATIONS

ACEA E11	DEUTZ DQC-III-18 LA
ACEA E9-16	FORD WSS-M2C171-F1
ALLISON C4	JASO DH-1
API CI-4	JASO DH-2
API CI-4 PLUS	JD JDQ-78X
API CJ-4	MACK EO-M PLUS
API CK-4	MACK EO-N
API SN	MACK EO-N PREMIUM PLUS
CATERPILLAR ECF-1A	MACK EO-O PREMIUM PLUS
CATERPILLAR ECF-2	MACK EO-S 4.5
CATERPILLAR ECF-3	MAN M3575
CATERPILLAR TO-2	MAN M3775
CUMMINS CES 20076	MB 228.31
CUMMINS CES 20077	MTU OIL CATEGORY 2.1
CUMMINS CES 20078	RENAULT RGD
CUMMINS CES 20081	RENAULT RLD
CUMMINS CES 20086	RENAULT RLD-2
DAF PSQL 2.1 E	RENAULT RLD-3
DAIMLER TRUCK DTFR 15C100	RENAULT RLD-4
DETROIT DIESEL DFS 93K215	RENAULT RXD
DETROIT DIESEL DFS 93K218	VOLVO VDS-3
DETROIT DIESEL DFS 93K222	VOLVO VDS-4
DEUTZ DQC-III-10 LA	VOLVO VDS-4.5

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,862
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	75,1
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	11,4
Viscosity Index	ASTM D2270		144
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	11,1
Pour point	ASTM D6892	°C	-36
Flash point	ASTM D92	°C	216
Sulphated ash content	ASTM D874	%	1,43