



Neo UHPD SAE 5W30

Full Synthetic Heavy Duty Engine Oil

This is a full synthetic heavy duty engine oil that is classified under: UHPD (Ultra High Performance Diesel). Because of the synthetic base oil, this product has a naturally high viscosity index that ensures optimal protection against wear and ageing. This product can only be used in diesel engines and engines that are equipped with Diesel Particle Filters. This product significantly reduces fuel consumption and CO2 emissions and is specifically developed in order to meet the strong EUROPEAN emission regulations. This product can be used perfectly all-year round and provides easy starting properties even in winter conditions. This oil is not suitable for vehicles fitted with particulate filters. Recommended for turbocharged and naturally aspirated diesel engines.



BASE OIL:
FULL SYNTHETIC

SPECIFICATIONS

ACEA E11	MACK EO-M PLUS
ACEA E4	MACK EO-N
ACEA E6-16	MACK EO-N PREMIUM PLUS
ACEA E7	MACK EO-O PREMIUM PLUS
ACEA E8	MACK EO-S 4.5
ACEA E9-16	MAN M3271-1
API CI-4	MAN M3277
API CJ-4	MAN M3477
API CK-4	MAN M3575
API SN	MAN M3677
CATERPILLAR ECF-3	MAN M3691
CUMMINS CES 20077	MAN M3775
CUMMINS CES 20081	MAN M3777
CUMMINS CES 20086	MB 228.31
DAF EXTENDED DRAIN	MB 228.5
DAF PSQL 2.1 E	MB 228.51
DAF PSQL 2.1 E LD	MB 228.52
DAIMLER TRUCK DTFR 13D110	MB 228.52
DAIMLER TRUCK DTFR 15C100	MB 235.28
DAIMLER TRUCK DTFR 15C110	MTU OIL CATEGORY 2.1
DAIMLER TRUCK DTFR 15C120	MTU OIL CATEGORY 3
DETROIT DIESEL DFS 93K218	MTU OIL CATEGORY 3.1
DETROIT DIESEL DFS 93K222	RENAULT RGD
DEUTZ DQC IV-10 LA	RENAULT RLD
DEUTZ DQC-IV-10	RENAULT RLD-2
DEUTZ DQC-IV-18 LA	RENAULT RLD-3
DEUTZ TTCD	RENAULT RLD-4
FORD WSS-M2C213-A1	RENAULT RXD
IVECO 18-1804 CLASSE TFE	SCANIA LDF-3 (EXCL. V8 ENGINES)
IVECO 18-1804 CLASSE TLS E6	SCANIA LDF-4
IVECO 18-1804 CLASSE TLS E9	VOITH RETARDER OIL CLASS B
JASO DH-1-17	VOLVO VDS-3
JASO DH-2-17	VOLVO VDS-4
JASO DL-0-17	VOLVO VDS-4.5

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,861
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	73,2
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	12,2
Viscosity Index	ASTM D2270		165
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	15,4
Pour point	ASTM D6892	°C	-45
Flash point	ASTM D92	°C	225
Sulphated ash content	ASTM D874	%	1,80