



Baro CK-4 SAE 5W30

Full Synthetic Heavy Duty Engine Oil

This is a full synthetic heavy duty engine oil of the latest generation. This product meets a variety of specifications and is specifically developed in order to have total engine protection at extreme long interval ranges. This product has a high shear resistance and operates very well in a very broad operating temperature range. This product can be used in off-road and on-road heavy duty applications. It can be used in vehicles with and without turbochargers or after treatment devices. Very high levels of fuel economy are met with this product. This product is compatible with emission control technology EURO IV, EURO V, and VI.



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	0,858
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	70,8
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	12,2
Viscosity Index	ASTM D2270		171
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	13,4
Pour point	ASTM D6892	°C	-
Flash point	ASTM D92	°C	-
Sulphated ash content	ASTM D874	%	-