



Tyro CH-4/SJ SAE 20W50

Heavy Duty Engine Oil

This is a high-quality diesel engine oil that meets a variety of American and European specifications. This product can be used in EURO II, EURO III and some EURO IV engines (not with DPF filter). This product is perfectly suitable for the whole heavy-duty portfolio like modern diesel trucks, off-read equipment and other heavy material. Also this product is very suitable for passenger car diesels, vans and light trucks. The product has been formulated in order to extend the drain interval of the lubricant and has excellent anti-corrosion properties.



BASE OIL:
MINERAL

SPECIFICATIONS

ACEA A3 / B4	DEUTZ DQC-III-18
ACEA E7	GLOBAL DHD-1
ALLISON C4	IVECO 18-1804 CLASSE T2 E7
API CF-4	JASO DH-1
API CG-4	MACK EO-L
API CH-4	MACK EO-M PLUS
API CI-4 / SL	MACK EO-N
CATERPILLAR ECF-1A	MAN M3275-1
CATERPILLAR ECF-2	MB 228.3
CATERPILLAR TO-2	MB 229.1
CUMMINS CES 20076	MTU OIL CATEGORY 1
CUMMINS CES 20077	MTU OIL CATEGORY 2
CUMMINS CES 20078	RENAULT RLD
DAIMLER TRUCK DTFR 15B110	RENAULT RLD-2
DETROIT DIESEL DFS 93K215	VOLVO VDS-3
DEUTZ DQC-III-10	

GRADE	METHOD	UNIT	VALUE
Density	ASTM D4052	kg/l	0,888
Kinematic viscosity @ 40 °C	ASTM D445	mm ² /s	173,0
Kinematic viscosity @ 100 °C	ASTM D445	mm ² /s	19,1
Viscosity Index	ASTM D2270		125
B.N. (HCL04 method)	ASTM D2896	mg KOH/g	10,5
Pour point	ASTM D6892	°C	-30
Flash point	ASTM D92	°C	232
Sulphated ash content	ASTM D874	%	1,59