

Product Code:

7109

TS-9

UHPD NANO

Synthetic Truck Engine Oil

Meets the requirements:

SAE 10W-40, API CJ-4/SN, ACEA E8, E11, JASO DH-2, MB 228.31/228.51, VOLVO VDS-4, MAN M 3477/3575, MACK EO-N Plus, MACK EO-O Premium Plus, GLOBAL DHD-1, CUMMINS CES 20076/-077/-078, RENAULT RLD-3, MTU Type 3.1, CATERPILLAR ECF-2, CATERPILLAR ECF-3, DETROIT DIESEL DDC 93K218

All-season synthetic low-ash engine oil for the latest generation of highly loaded and high-speed turbocharged and non-turbocharged heavy-duty diesel engines using low-sulphur fuels. The oil complies with the GLOBAL-DHD-1 specification, which takes into account all requirements of European, American and Japanese manufacturers of heavy-duty diesel engines produced since 1998, operating under heavy conditions with extended oil change intervals, meeting applicable standards regarding the content of toxic substances in exhaust gases and installed in heavy-duty vehicles (over 3.9 tons).

Product Characteristics:

Test	Method	Unit	Result
Density at 15 °C	D 1298	kg/m ³	870
Viscosity at 40 °C	D 445	CSt	84,25
Viscosity at 100 °C	D 445	CSt	13,46
Dynamic viscosity at -25 °C, max	D 5293	CP	3804
Viscosity index	D 2270		163
Flash point COC	D 92	°C	226
Pour point	D 97	°C	-42
TBN	D 2896	gKOG/kg	10,22
High shear rate viscosity, at 150 °C	D 4741		3,60

Volume:

5L	MN7109-5	60L	MN7109-60
10L	MN7109-10	208L	MN7109-DR
20L	MN7109-20	1000L	MN7109-IBC



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