

Product Code:

7114

TS-14

UHPD

Synthetic Truck Engine Oil

Meets the requirements:

SAE 15W-40, API CK-4, API SN, ACEA E11-22, ACEA E7-22, ACEA E9-16, JASO DH-2, MB 228.31, CATERPILLAR ECF-3, CUMMINS CES 20086, DETROIT DIESEL DDC 93K223, MAN M 3775, FORD WSS-M2C171-F1, ALLISON TES 439, MACK EOS-4.5 Approval, RENAULT RLD-3 Approval, VOLVO VDS-4.5 Approval

All-weather synthetic motor oil for heavy-duty and high-speed diesel engines with and without turbocharger, operating in difficult conditions. The oil has successfully passed road and laboratory tests at VOLVO, MACK and RENAULT centres and has their written approvals.

Product Characteristics:

Test	Method	Unit	Result
Density at 15 °C	D 1298	kg/l	870
Viscosity at 40 °C	D 445	cSt	99.37
Viscosity at 100 °C	D 445	cSt	14.05
Viscosity index	D 2270		143
Flash point COC	D 92	°C	230
Pour point	D 97	°C	-40
Ignition temperature		°C	350
Mechanical impurities	D 2273	%	-
Total base no.	D 2896	mgKOH/g	10.27
Dynamic viscosity at -20 °C, max	D 5293	cP(mPas)	4990
High-shear-rate viscosity at 150 °C	D 4741	cP	3.78

Volume:

5L	MN7114-5	60L	MN7114-60
7L	MN7114-7	208L	MN7114-DR
20L	MN7114-20	1000L	MN7114-IBC



www.mannol.de

SCT-Vertriebs GmbH

Feldstrasse 154, 22880 Wedel/Hamburg, Germany, info@sct-germany.de, tel.: +49 (0)4103 1211 0, fax: +49 (0)4103 1211 116

MANNOL®