

Product Code:

# 7120

# TS-20 SHPD

Synthetic truck engine oil

Meets the requirements:

SAE 10W-30, ACEA E7, E9, API CJ-4/SN,  
CATERPILLAR ECF-3/ECF-2,  
CUMMINS CES 20076/CES 20078/CES 20081,  
DETROIT DIESEL 93K218, DEUTZ DQC III-10 LA,  
MACK EO-O Premium Plus/EO-M Plus,  
MAN M 3575, MB 228.31, MTU DDC Type 2.1,  
RENAULT RLD-3, VOLVO VDS-4

MANNOL TS-20 is a SHPD engine oil on a synthetic basis for use in heavily loaded trucks. Thanks to its unique consistence it has perfect viscosity-temperature properties that guarantee easy cranking at extremely low temperatures and safe protection from wear-out at high loads and temperatures.

Product Characteristics:

Test	Method	Unit	Result
Density at 15°C	D 1298	kg/m <sup>3</sup>	850
Viscosity at 40°C	D 445	CSt	72,37
Viscosity at 100°C	D 445	CSt	11,9
Viscosity at -25°C	D 5293	CP	4014
Viscosity index	D 2270		162
Flash point COC	D 92	°C	224
Pour point	D 97	°C	-39
TBN	D 2896	gKOG/kg	10,09

Volume:

10L	MN7120-10	208L	MN7120-DR
20L	MN7120-20	1000L	MN7120-IBC
60L	MN7120-60		



[www.mannol.de](http://www.mannol.de)

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