

Product Code:

7112

TS-12 SHPD

Semi-synthetic truck engine oil

Meets the requirements:

SAE 10W-30, API CG-4/SL, MACK EO-L, MAN M 3275,
MB 228.3/229.1, MTU DDC Type 2, VOLVO VDS-2

MANNOL TS-12 SHPD is high performance diesel engine oil designed for optimum lubrication under heavy operating conditions. The high-quality additive package reduces soot entry and acid related seal aging due to low diesel quality. Protects against oil thickening, high temperature deposits, sludge formation, oil degradation and corrosion. Excellent low temperature fluidity and high temperature viscosity allows the use in most diesel applications.

Product Characteristics:

Test	Method	Unit	Result
Density at 15°C	D 1298	kg/m ³	867
Viscosity at 40°C	D 445	CSt	70,74
Viscosity at 100°C	D 445	CSt	11,04
Viscosity at -25°C	D 5293	CP	5326
Viscosity index	D 2270		147
Flash point COC	D 92	°C	224
Pour point	D 97	°C	-38
TBN	D 2896	gKOG/kg	12,10

Volume:

7L	MN7112-7	60L	MN7112-60
10L	MN7112-10	208L	MN7112-DR
20L	MN7112-20	1000L	MN7112-IBC



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