



Corresponds with requirements / specifications / products:

SAE 20W-50
API SN/CH-4
ACEA A3/B4
VW 505 00
MB 229.1
MB 228.1
MAN 271

Volume:

1 L (PM0102-1)	4 L (PM0102-4)
1 L (PM0102-1ME)	4 L (PM0102-4ME)
5 L (PM0102-5)	7 L (PM0102-7)
20 L (PM0102-20)	60 L (PM0102-60)
208 L (PM0102-DR)	1000 L (PM0102-IBC)

Universal economy-class mineral engine oil for modern highly accelerated petrol and diesel engines with and without a turbocharger used in difficult operating conditions and engines with a very high mileage used in various operating conditions.

Product Characteristics:

Characteristics	Method	Unit	Value
Density at 15 °C	D 1298	kg/m ³	890
Viscosity at 40 °C	D 445	cSt	167.03
Viscosity at 100 °C	D 445	cSt	17.87
Viscosity index	D 2270		118
Flash point COC	D 92	°C	224
Pour point	D 97	°C	-32
TBN	D 2896	mgKOH/g	7.67
Dynamic viscosity [cP], at -15°C, max	D 5293	°C	7416

We reserve the right to alter the general characteristics of our products in order to let our consumers benefit from the latest technical development.