



# Optiguard Monogrades

Monograde mineral oil based engine oils

Product Code: Refer to table below

## Product Description:

Optiguard Monogrades are high performance engine oils are manufactured from carefully selected base oils and the additive technology. They meet many engine manufacturer requirements and specifications. Superior dispersant additives help maintain engine cleanliness in modern petrol or diesel engines and the detergent additives help reduce unwanted deposits in turbochargers and on pistons.

## Benefits:

- Excellent high temperature stability.
- Superior dispersion reduces sludge formation and hence provides cleaner engines.
- Revolutionary anti-wear performance for reduced engine wear.

## Applications:

Optiguard Monogrades are suitable for normally aspirated and turbocharged highly stressed petrol engines or diesel engines. They may be used in passenger cars and heavy commercials, vans, plant, buses and industrial equipment whenever an SAE monograde viscosity grade is called for. Optiguard Monogrades are miscible with all synthetic and mineral based engine oils.

## Product Specification:

API	SL, CH-4, CF
ACEA*	A3/B3, A3/B4, E2
MB	228.0
MTU*	Type 1

*\*These specifications do not apply to 10W and 20W grades due to viscosity requirements.*

## Typical Test Data:

Optiguard	10W	20W	30	40	50
Product Code	M306	M394	M305	M304	M303
Specific Gravity @ 15.6°C	0.880	0.882	0.885	0.891	0.895
Kinematic Viscosity @ 100°C (cSt)	5.50	8.21	10.78	15.20	20.51
Kinematic Viscosity @ 40°C (cSt)	33.41	62.02	91.02	142	223.02
Viscosity Index	100	100	102	109	107
Flash Point COC (°C)	212	214	218	235	240
Pour Point (°C)	-30	-30	-30	-30	-30
TBN (mg KOH / g)	10.26	10.21	10.29	10.24	10.21

## Health and Safety:

Please refer to the safety data sheet, a copy of which is freely available to all our customers.