



Barton Lube

# TECHNICAL DATA SHEET

## Optiguard 20W-50

Mineral oil based  
engine oil Product  
code: M166

### Product Description:

Optiguard 20W-50 is a multigrade engine oil manufactured from carefully selected base oils and additive technology. It meets many engine requirements and specifications. It can be supplied for mixed fleet applications. Superior dispersant additives help maintain engine cleanliness in petrol engines and the detergent additives help reduce unwanted deposits in turbochargers and on pistons.

### Benefits:

- High shear stability for stay in grade performance
- Excellent high temperature stability
- Improved bore polishing protection
- Excellent anti wear performance for reduced engine wear
- Ideal mixed fleet lubricant

### Applications:

Optiguard 20W-50 is suitable for normally aspirated and turbocharged highly stressed petrol engines and diesel engines in passenger cars and heavy commercials, vans, plant, buses and industrial equipment. It is miscible with all synthetic and mineral based engine oils.

### Product Specification:

API	SL/CH-4, CF
ACEA	A3/B3, A3/B4, E2
VW	505.00
MB	228.1, 229.1
Mack	EO-L
MAN	271
MTU	Type 1
Volvo	VDS

### Typical Test Data:

Specific Gravity @ 15.6°C	0.889
Kinematic Viscosity @ 100°C (cSt)	20.88
Kinematic Viscosity @ 40°C (cSt)	189.03
Viscosity Index	131
Flash Point COC (°C)	235
Pour Point (°C)	-31
TBN (mg KOH / g)	10.2

### Health and Safety:

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