

ENGEN PROTECTA HI-MILEAGE

DESCRIPTION

Engen Protecta Hi-Mileage is a high performance, mineral based, engine crankcase oil designed for use in "high mileage" petrol and diesel engines of cars, mini-buses, and bakkies, both naturally aspirated and turbocharged. It is formally approved against API Service Classifications SL/CF and exceeds the A3 and B3 performance requirements of ACEA. Engen Protecta Hi-Mileage contains a unique seal conditioning agent which rejuvenates oil seals and 'O' rings. It is formulated using low volatility base oils and blended to a SAE 20W-50 viscosity grade to reduce oil consumption in higher mileage engines. Its highly shear stable viscosity index improver ensures "stay-in-grade" performance between oil changes.

APPLICATION

Engen Protecta Hi-Mileage is recommended for use in most naturally aspirated and turbocharged petrol and diesel engines in cars, mini-buses and light commercial vehicles, as well as for four stroke motorcycle engines. Being an SAE 20W-50 multigrade oil, it provides a thicker oil film, making it suitable for use at high operating temperatures as well as in higher mileage engines, typically in excess of 100 000 km, that have larger running clearances. Its high temperature stability, detergency and protection reserve keeps engine components clean and protected, thus reducing wear, prolonging engine life.

PERFORMANCE LEVEL

API SL/CF, ACEA A3-96/B3-96, VW 501.01/505.00, MB 229.1.

BENEFITS

- High performance with increased viscosity.
- Improved oil consumption.
- Extended engine life.
- Rejuvenates seals.
- Excellent protection against wear and corrosion.

TYPICAL PHYSICAL CHARACTERISTICS

SAE No.	20W-50
Viscosity, cSt @ 40 °C	174
cSt @100 °C	19,1
Viscosity Index	120
Flash point °C	224
Pour Point °C	-30
Total Base No, mgKOH/g	10,1
Sulphated Ash, % m/m	1,0