

# Product Information: Ultra 20W-50

## Description

Ultra 20W-50 is a multigrade engine oil, which is manufactured from highly refined mineral base stocks and a tailored additive system ensuring reliable and robust performance in both petrol and diesel engines. The product contains ZDDP levels of 1500ppm and exhibits excellent anti-wear characteristics. High levels of engine cleanliness can be expected through superior control of soot, sludge and piston deposits, eliminating problems associated with previous API SF type products. The product offers excellent thermal and oxidative stability, as well as protection against rust and corrosion, the shear stable formulation ensures stay in grade performance.

## Applications

Ultra 20W-50 is intended for use in normally aspirated and turbo charged diesel engines and petrol engines in passenger cars, light and heavy commercials, buses, agricultural, plant and construction equipment, including older models, where the original equipment manufacturer recommends a lubricant of this performance level, quality and viscosity. The high level of ZDDP in this product makes it particularly suitable for engines where a flat tappet cam is employed.

## Performance Features

- Excellent anti-wear performance
- Control of soot, sludge and piston deposits
- Protects against rust and corrosion
- Thermally stable
- Shear stability
- Resistance to oxidation

## Performance Levels

- API SG/CF-4
- Military MIL-L-2104D
- Military MIL-L-46152B
- CCMC D4
- Mercedes 227.1
- MAN 271
- Caterpillar TO-2
- VW 505.00
- Allison C3

## Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	0.886	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	154.8	ASTM D445
Kinematic Viscosity @ 100°C	cSt	18.4	ASTM D445
Viscosity Index		146	ASTM D2270
Flashpoint (Open)	°C	225	ASTM D92
Pour Point	°C	-30	ASTM D97
CCS @ -15°C	mPa•s	9500max	ASTM D5293
Total Base Number	mg KOH/g	9.08	ASTM D2896

Figures based on average production values