

**ORLEN OIL MINERAL SN 20W-50****Product description and application**

Mineral engine oil. It provides complete and continuous protection against the wear of conventional engines of passenger cars and commercial vehicles under all operating conditions.

**Characteristics**

- intended for use in passenger and light commercial vehicles equipped with petrol and diesel engines without and with turbocharging where the manufacturer allows for the use of engine oils of this viscosity and quality class of the
- conventional SAPS level - not allowed for in vehicles equipped with particulate filters,
- resistant to high thermal and mechanical loads,
- designed for use in standard exchange intervals.

**Specifications and Approvals**

- SAE 20W-50
- API SN/CF
- ACEA A3/B3
- MB 229.1 (meets)
- VW 501.01/505.00 (meets)

**Typical parameters**

Requirements	Test methods according to	Unit	Value
Kinematic Viscosity at the temp. of 100°C	ASTM D 445	mm <sup>2</sup> /s	17.5-21.9
Pour point, not higher than	ASTM D 97	°C	-21
Flashpoint, not higher than	ASTM D 92	°C	220
Viscosity index, not lower than	ASTM D 2270		120
Base number, no lower than	ASTM D 2896	mgKOH/g	8.0
Sulphated ash content, not more than	ASTM D 874	% (m/m)	1.5
The above figures are typical of those obtained with normal production batch, they are not a technical specification, due to continuous development of the product, they may change.			