

## Product Information

### UNI Plus SAE 20W-50

*is a SHPD multigrade engine oil on the basis of selected additives. It can be used in petrol and diesel engines including turbo versions.*

Uni Plus meets the requirements of SAE class 20W-50.

A good lubrication film is guaranteed, even at high temperatures.

Uni Plus SAE 20W-50 is especially suitable for engines with already high mileages.

The operating instructions of the automobile and engine manufacturer must be observed.

*In compliance to EEC regulation, the quality of this product is equivalent according to the following standards/specifications:*

- API: CI-4 /SL
- ACEA: A3/B4/E7

*Practice-proven and tested in aggregates with filling rules/ACC. To:*

- |                    |                    |                             |
|--------------------|--------------------|-----------------------------|
| ◆ JASO DH-1        | ◆ Global DHD-1     | ◆ Mack: EO-M Plus           |
| ◆ MB: 228.3; 229.1 | ◆ Deutz DQC III-10 | ◆ Renault Trucks RLD-2      |
| ◆ Volvo: VDS-3     | ◆ Allison C4 Level | ◆ MTU Type 2                |
| ◆ MAN: 3275-1      | ◆ DDC 93K215       | ◆ Caterpillar ECF 1a, ECF-2 |

UNI Plus SAE 20W-50 protects against corrosion even if diesel fuels with a high sulphur content are used, as is still the case in many Eastern European countries.

*More properties are evident in the use of the product:*

- A very stable and excellent viscosity-temperature behavior
- High oxidation stability
- High safety margin even in boundary lubrication
- Ideal for difficult operating conditions
- Excellent cold starting properties
- Reduction of black sludge formation
- Good shear stability
- Suitable for catalytic converters

**Technical specifications:**

Properties	Density at 15°C	Viscosity at 100°C	Colour	Pourpoint	Viscosity-Index
Testing under	EN ISO 12 185	DIN 51 562	visual	DIN ISO 3016	DIN ISO 2909
Unit	kg/m <sup>3</sup>	mm <sup>2</sup> /s	-	°C	VI
Data	880,5	18.5	golden brown	-27	> 143

*All declared values are approximate and subject to standard production variations.*

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*To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems arise, please consult a technician.*