



# SNA GmbH

Hochleistungs - Schmierstoffe



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## Product Information

### Quelle QX - Ultra Plus 20W50 CH4

#### Description

A diesel engine oil, formulated with solvent refined base oils and a well -balanced choice of additives. This engine oil has the following properties:

- a very powerful detergency prevents deposits in the engine
- a very strong dispersion that prevents from precipitation and sludge
- a powerful activity against corrosion and foam
- a high and stable viscosity index
- a powerful activity against wear resulting in strongly reduced wear of piston-rings and cylinder-liners

#### Application

This engine lubricant is applicable to gasoline and diesel engines (normal or turbo-aspirated) even under the toughest operation conditions and all the year round. This engine oil has a special additive system and may therefore be used, when fuels with relatively high Sulphur contents are involved. This special quality of engine oil is mainly developed to allow extended oil drain intervals and to prevent "bore polishing" (=cylinder-wear) in diesel engines. This product is suitable for application in Euro 4 and Euro 5 engines.

#### Specification

##### Performance level:

ACEA E7  
API CH-4/SL  
Cummins CES 20077/20078  
Deutz DQC III-10  
Global DHD-1  
MB 228.3

#### Typical Characteristics

20w50 CH4		
Property	Unit	Typical Values
Density at 15 °C	kg/l	0.875
Viscosity -15 °C	mPa.s	6455
Viscosity 40 °C	mm <sup>2</sup> /s	186
Viscosity 100 °C	mm <sup>2</sup> /s	21
Viscosity Index		132
Flash Point COC	°C	210
Pour Point	°C	-39
Total Base Number	mgKOH/g	11.1
Sulphate Ash	%	1.2

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