



## Product Information 01.40.99

30-11-2021

### Helar FE LL-04 0W-20

#### Description

Helar FE LL-04 0W-20 is a modern, fuel-saving, synthetic motor oil, developed in accordance with the latest Mid SAPS technologies for use in cars with particulate filters and/or catalytic converters. It is supplemented with specially selected, synthetic base oils and advanced additives to achieve the following properties:

- Fuel saving
- Reduced formation of combustion residues due to lower SAPS content
- Extended service life of particulate filters and catalytic converters
- A smooth cold start
- A protective lubricant film at high operating temperatures
- Extended oil change intervals
- Excellent dispersion and detergency
- Very high resistance to wear, corrosion and foaming

#### Application

Helar FE LL-04 0W-20 has been specially developed for the latest generation of VAG engines requiring an SAE 0W-20 motor oil compliant with VW specification 508 00/509 00. Its ultra-low viscosity achieves considerable fuel savings, while retaining maximum engine protection.

Helar FE LL-04 0W-20 is not backwards compatible and therefore should not be used in engines for which existing VW specifications such as VW 504 00/507 00, VW 503 00/506 00/506 01 and VW 502 00/505 00/505 01 are prescribed.

#### Specifications

ACEA C5

Approved under VW 508.00/509.00

Porsche C20

#### Typicals

Colour	DARK GREEN
Density at 15 °C, kg/l	0,847
Viscosity -35 °C, mPa.s	5450
Viscosity 40 °C, mm <sup>2</sup> /s	44,80
Viscosity 100 °C, mm <sup>2</sup> /s	8,53
Viscosity Index	171
Flash Point COC, °C	226
Pour Point, °C	-51
Total Base Number, mgKOH/g	8,7
Sulphate Ash, %	0,80

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.

**Available packagings**32496  
1 L bottle32497  
4 L can32498  
5 L can36485  
20 L Bag in  
Box32500  
20 L pail32501  
60 L drum32503  
208 L drum

The data mentioned in this product information sheet is meant to enable the reader to orientate himself about the properties and possible applications of our products. Although this overview is composed with all possible care on the stated date, the compiler does not accept any liability for damages caused by incompleteness and/or inaccuracies in this information, especially when these are caused by obvious typing errors. The terms of delivery of the supplier apply to all product supplies. The reader is advised, especially for critical applications, to make the final product choice in consultation with the supplier. Due to continual product research and development, the information contained herein is subject to changes without notification.