



# REDOIL

## TECHNICAL DATA SHEET



EELQMS

EUROPEAN ENGINE  
LUBRICANTS QUALITY  
MANAGEMENT SYSTEM  
Data di prima emissione  
19/11/2021

Rev. N°4 del 01/07/2024

## ULTRASINT FE SAE 0W-30 BMW LL-12FE

*Engine Lubricant PCMO Fuel economy*

### SPECIFICS/APPROVALS

API SP API SN-PLUS ACEA C2  
BMW LL-12FE BMW 83212365935  
BMW 83212405666 BMW83212405097  
MB 229.61 MB 227.61  
FORD WSS-M2C920-A  
FIAT 9.55535-GS1 FIAT 9.55535-DS1  
VOLVO VCC 95200377



### TECHNICAL DESCRIPTION

Specifically formulated for BMW engines, it is highly regarded for its adherence to the BMW LL-12FE specification. It achieves maximum protection, cleaning and dispersing performance with long-lasting characteristics throughout its entire service life.

The technological contribution to the most efficient and economical use of energy is the basis for the development of this lubricant.

The technologically advanced formulation makes this fluid a high performance synthetic lubricant for gasoline, diesel and hybrid engines with exceptional energy saving characteristics.

The use of this product ensures:

- Maximum energy efficiency and corresponding reduction in fuel consumption;
- Exceptional action against LSPI (Low-Speed Pre-Ignition);
- Low friction coefficient;
- Reduced pollutant emissions;
- Maximum oxidation stability, particularly useful under high operating temperatures reached in modern turbocharged systems;
- Low pour point and extremely high viscosity index, ensuring maximum protection even under significant temperature fluctuations;
- Excellent detergency, dispersion, anti-corrosion, and anti-rust properties.

For further details, please contact the technical department.



P.IVA/C.F.: 03903071219



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Responsabile di laboratorio



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### *Typical characteristics*

Properties	Unit	Method	Average values
Colour	-	Visual	Amber
Appearance	-	Visual	limpid
Density	Kg/dm <sup>3</sup>	ASTMD7042	0,847
Viscosity 40° C	cSt	ASTMD445	64,2
Viscosity 100° C	cSt	ASTMD445	11,5
Viscosity Index	-	ASTMD2270	176
Flash Point	°C	ASTMD92	227
Freezing point	°C	ASTMD97	-42

### MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

### SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.



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