

# **FREEWAY PREMIUM C3 5W-30**

## **SAE 5W-30**

**MID SAPS TECHNOLOGY SYNTHETIC LUBRICANT**

### **APPLICATIONS**

FREEWAY PREMIUM C3 5W-30 is a SAE 5W-30 synthetic engine oil designed for passenger cars and light commercial vehicles with the latest after-treatment equipment (3-way catalysts, oxidation catalysts, particulate filters). FREEWAY PREMIUM C3 5W-30 is an engine oil recommended for the majority of Opel/Vauxhall petrol, diesel or LPG vehicles which require an oil that meets the OV 0401547 standard. FREEWAY PREMIUM C3 5W-30 is also recommended for Mercedes Blue Tec diesel engines or petrol engines requiring the MB 229.52 specification. FREEWAY PREMIUM C3 5W-30 meets ACEA C3 and ACEA C2 "mid Saps" standards with limits on Sulphur, Phosphorus and Sulphated Ash recommended by many Asian manufacturers such as Honda, Kia, Mitsubishi, Nissan, Subaru, Suzuki, Toyota, ....

### **PERFORMANCES**

**Classifications:** ACEA C3-21  
API SP

ACEA C2-21

**Specifications** OV 0401547-D30  
MB 229.52

OV 0401547-G30  
MB 229.51

BMW LL-04  
MB 229.31

### **BENEFITS**

#### **ENGINE PROTECTION • DPF LONGEVITY**

- Ensures optimum operation of the most modern after-treatment systems.
- High thermal stability and exceptional resistance to high temperatures guarantee cleanliness of the motor to preserve it for longer life.
- Reinforced protection against wear and corrosion.
- Detergent and dispersant properties guarantee engine cleanliness.

**Warning:** some engines are not designed to use this type of lubricant. Always consult the vehicle maintenance booklet.

### **CHARACTERISTICS**

	<b>Method</b>	<b>Units</b>	
<b>Relative density @ 15°C</b>	-	-	0.848
<b>Viscosity @ 100°C</b>	ASTM D445	mm <sup>2</sup> /s	11.9
<b>Viscosity @ 40°C</b>	ASTM D445	mm <sup>2</sup> /s	69.6
<b>Viscosity index</b>	ISO 2,909	-	168
<b>TBN</b>	ASTM D2896	mg KOH/g	6.9
<b>Noack volatility</b>	ASTM D5800	%	10

The values of the characteristics shown in this table are typical values given as an indication

 **ADVICE**

Product lifetime: 36 months in hermetically sealed packages and under normal storage conditions.

Storage conditions: It is recommended to store the products at room temperature away from water and moisture. The products should not be stored at temperatures above 35°C and should not be exposed to strong sunlight, intense cold or strong temperature fluctuations.

 **HEALTH, SAFETY AND ENVIRONMENT**

The health and safety recommendations for this product can be found in the Material Safety Data Sheet (MSDS). It is available on request and at [www.hafa.fr](http://www.hafa.fr).

This product must not be used for any purpose other than its intended use. When disposing of the product after use, please consider the environment and observe local regulations.