

FREEWAY INITIAL C3 5W-40

SAE 5W-40

SYNTHETIC TECHNOLOGY MID SAPS LUBRICANT

APPLICATIONS

FREEWAY INITIAL C3 5W-40 is a synthetic technology engine oil designed for gasoline and direct-injection turbocharged diesel passenger car engines. It is suitable for vehicles equipped with or without Diesel Particulate Filters (DPF) and Three-Way Catalytic Converters (TWC). This lubricant is recommended where the vehicle manufacturer specifies an ACEA C3 engine oil with SAE 5W-40 viscosity grade. Its advanced formulation provides excellent engine protection while helping to minimize deposits in exhaust after-treatment systems.

PERFORMANCE

Classifications:	ACEA C3-23	API SP
Suitable for applications requiring any of the following specifications:		
Specifications:	MB 229.31 FORD WSS-M2C917A VW 505 00 / 505 01	BMW LL-04 RN 0700/0710

CUSTOMER BENEFITS

ENGINE PROTECTION • AFTER-TREATMENT SYSTEM PROTECTION

- Mid SAPS formulation with reduced sulphated ash, phosphorus and sulphur content helps reduce harmful exhaust emissions.
- Contributes to extended service life of exhaust after-treatment systems, including Diesel Particulate Filters (DPF) and catalytic converters.
- Excellent thermal stability and high-temperature oxidation resistance help maintain engine cleanliness.
- Helps prevent the formation of sludge and deposits, reducing engine contamination and ensuring reliable performance.

Important: Certain engines are not designed for use with this type of lubricant. Always consult the vehicle owner's manual before use.

 CHARACTERISTICS

	<i>Method</i>	<i>Units</i>	<i>Values</i>
<i>Density at 15°C</i>	-	-	0.85
<i>Viscosity at 100°C</i>	ASTM D445	mm ² /s	13.8
<i>Viscosity at 40°C</i>	ASTM D445	mm ² /s	85.7
<i>Viscosity index</i>	ASTM D2270	-	165
<i>Total Base Number (TBN)</i>	ASTM D2896	mgKOH/g	8.5
<i>Flash point</i>	ISO 2592	°C	>200

The characteristics shown above are typical values provided for guidance only.

 RECOMMENDATIONS**Shelf Life:**

36 months when stored in tightly sealed original containers under normal storage conditions.

Storage Conditions:

Store at ambient temperature in a clean, dry area protected from water, dust and moisture. Products should not be stored at temperatures above 50°C (122°F) and should be protected from direct sunlight, severe cold and large temperature fluctuations.

 HEALTH, SAFETY AND ENVIRONMENT

Health and safety recommendations for this product are provided in the Safety Data Sheet (SDS), available upon request and on the HAFA website at www.hafa.fr.

This product should only be used for its intended purpose. When disposing of used product, protect the environment and comply with all applicable local regulations.