



FREEWAY INITIAL LL 0W-20

SAE 0W-20

MID SAPS TECHNOLOGY SYNTHETIC LUBRICANT

APPLICATIONS

FREEWAY INITIAL LL 0W-20 is an energy saving SAE 0W-20 viscosity 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 INITIAL LL 0W-20 is particularly recommended for BMW and Mini petrol engines requiring the use of an oil that meets BMW LL 17 FE+, as well as those equipped with GPF (gasoline particulate filter). FREEWAY INITIAL LL 0W-20 is also recommended for petrol and diesel engines when the manufacturer specifies the use of a lubricant with a viscosity grade of SAE 0W-20 and which meets the specifications below.

PERFORMANCES

Classifications:	ACEA C6-23 API SP	ACEA C5-23 API SP-RC	ILSAC GF-6a
Specifications:	MB 229.71 BMW LL 17 FE + (retro compatible Chrysler MS-12145 Ford WSS-M2C947-B1	MB 229.72 BMW LL 14 FE+ STJLR 03.5006-16 Ford WSS-M2C-962-A1	FIAT 9.55535-GSX

BENEFITS

ENERGY SAVINGS • FAP LONGEVITY

- Additives selected to combat LSPI phenomena.
- Reduced fuel consumption thanks to its low HTHS viscosity and SAE 0W-20 viscosity grade.
- Ensures optimal operation of the most modern after-treatment systems thanks to its Mid SAPS technology.
- Excellent shear stability for effective lubrication even at high temperatures.
- Reduced friction, enabling smooth and optimal engine operation.

Warning: some engines are not designed to use this type of lubricant. Always consult the vehicle maintenance booklet. This product must not be used in BMW M series engines.

CHARACTERISTICS

	Method	Units	Values
Relative density @ 15°C	ASTM D4052	-	0.842
Viscosity @ 100°C	ASTM D445	mm ² /s	7.9
Viscosity @ 40°C	ASTM D445	mm ² /s	39.4
Viscosity index	ASTM D2270	-	177
CCS à -35°C	ASTM D5293	mPa.s	5,160
BN	ASTM D 2896	mg KOH/g	7.7

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, dust, and moisture. The products should not be stored at temperatures above 50°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.

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.