



SPECIFIC LL-14 FE+ 0W-20



Gasoline engine oil – BMW

100% Synthetic

TYPE OF USE

High Performance 100% Synthetic **Fuel Economy** Engine Oil specially designed for BMW & MINI recent vehicles fitted with Gasoline engines requiring an approved BMW Long Life-14 FE+ lubricant. Suitable also for Gasoline engines requiring a 0W-20 viscosity grade Fuel Economy lubricant type with ACEA A1/B1 standard.

Compatible with catalytic converters (CAT).

Suitable for all types of fuels: gasolines and biofuels.

This type of oil may be unsuitable for use in some engines. Refer to the owner manual if in doubt.

PERFORMANCES

STANDARDS ACEA A1 / B1

APPROVALS **BMW LL-14 FE+**

This 100% Synthetic engine oil is formulated to lubricate perfectly the latest generation of BMW and MINI Gasoline engines requiring the specification BMW LL-14 FE+.

The BMW Longlife-14 FE+ standard is only suitable for BMW N20 and Bx8 Gasoline engines produced from model year 2014 and used in the European Union countries, Norway, Switzerland and Liechtenstein, as well as United States of America and Canada. If in doubt, always refer to the owner manual of the vehicle.

Associated with ACEA A1/B1 standard for lubricants, MOTUL SPECIFIC LL-14 FE+ 0W-20 provides significant energy savings (up to 3% compare to the BMW LL-01 reference lubricant) while exceeding robustness requirements of BMW LL-04 specification. This improved fuel economy and low emissions performance meet these OEMs requirements for CO₂ emissions reductions.

Viscosity grade SAE 0W-20 minimizes lubricant hydrodynamic friction, allows fuel economy benefits especially when the oil is cold.

Improves oil flow at start up, faster oil pressure build up, faster rev raisings and reach operating temperature faster.

MOTUL SPECIFIC LL-14 FE+ 0W-20 delivers outstanding oil film resistance, while facilitating cold start, reducing friction in the engine, maintaining the oil pressure and lowering engine operating temperatures.

Through its exceptional lubricating properties, MOTUL SPECIFIC LL-14 FE+ 0W-20 provides high level of wear resistance, high temperature resistance and oxidation resistance. It reduces the formation of deposits, reduces wear and enables perfect control of oil consumption.

Anti-wear, Anti-corrosion, Anti-foam properties.

RECOMENDATIONS

Drain interval: according to manufacturers' recommendations and to be adapted to your own use.
MOTUL SPECIFIC LL-14 FE+ 0W-20 can be mixed with synthetic or mineral oils.
Before use always refer to the owner manual of the vehicle.

PROPERTIES

Viscosity grade	SAE J 300	0W-20
Density at 20°C (68°F)	ASTM D1298	0.847
Viscosity at 40°C (104°F)	ASTM D445	34.7 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	7.9 mm ² /s
Viscosity HTHS at 150°C (302°F)	ASTM D4741	2.7 mPa.s
Viscosity Index	ASTM D2270	209
Pour point	ASTM D97	-48°C / -54°F
Flash point	ASTM D92	224°C / 435°F
Sulfated ash	ASTM D874	0.98% weight
TBN	ASTM D2896	10.0 mg KOH/g