



YOKOHAMA / IMPROVE SAE 0W-12

TECHNICAL DATA SHEET | TDS

MS-BXFE | FULLY SYNTHETIC ENGINE OIL

PRODUCT DESCRIPTION

YOKOHAMA IMPROVE 0W-12 MS-BXFE is a fully synthetic, ultra-low-viscosity engine oil developed around the SAE 0W-12 grade and BMW Longlife-22 FE++ performance requirements for selected gasoline engines. Its viscosity characteristics are intended to promote efficient oil circulation during cold starts and reduced fluid-friction losses during operation. The lubricant formulation is designed to support wear control, oxidation resistance and engine cleanliness.

APPLICATIONS

Intended for BMW Group gasoline engines specifying SAE 0W-12 and BMW Longlife-22 FE++ performance.

PERFORMANCE SPECIFICATIONS

BMW Longlife-22 FE++	SAE 0W-12
APPLICATION Gasoline engines	STANDARD SAE J300

TYPICAL TECHNICAL CHARACTERISTICS

PROPERTY	TEST METHOD	TYPICAL VALUE
SAE Viscosity Grade	SAE J300	0W-12
Kinematic Viscosity at 40°C	DIN 51562	33.5 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562	6.50 mm ² /s
Viscosity Index	DIN ISO 2909	155
Density at 15°C	DIN 51757	0.845 g/cm ³
Flash Point (COC)	—	—
Pour Point	DIN ISO 3016	< -40°C

Note: The values shown in this table are typical values and do not constitute product specifications. Minor variations may occur between production batches due to normal manufacturing tolerances.