

SYNPOWER™ LL-12 FE SAE 0W-30

SynPower™ LL-12 FE SAE 0W-30 is a premium full synthetic engine oil specifically designed for latest generation European BMW and MINI engines fitted with DPF (Diesel Particulate Filters) and TWC (Three Way Catalyst) emission technology with the focus to enhance engine durability and protection.

Suitable for use in direct injection petrol and TDI diesel engines, naturally aspirated, supercharged & turbocharged BMW and MINI where BMW LL-12 FE is required

SynPower™ LL-12 FE SAE 0W-30 is approved against BMW LL-12 FE.

Specifications and Approvals

Synpower™ LL-12 FE 0W-30*
SAE 0W-30
ACEA C2
BMW LL-12 FE <i>Approved</i>

* Check owners' manual before use.

Applications

Formulated for use in virtually cars and light trucks and vans, with petrol diesel, and LPG engines, where an ACEA C2 0W-30 is recommended.

Specially recommended for BMW and MINI passenger cars.

Suitable for other passenger cars where ACEA C2 0W-30 is recommended. Like some models of Hyundai, KIA, Suzuki, Toyota. Please consult the owner's manual before use.

Features and Benefits

Ultimate protection

Synpower™ engine oils is formulated with the highest quality base oils and latest additives to ensure ultimate protection and performance under all operating conditions. Designed to fulfill the latest standards of leading engine manufacturers.

Extended drain performance

Formulated for excellent product stability. Long lasting performance and suitable for long drain intervals.

Engine Cleanliness

Keeps engine extremely clean by minimizing deposits.

Wear Protection

Provides ultimate protection against wear under all operating conditions.

Fuel efficiency

Low viscosity and special additives result in maximum reduction of friction which results in a lower fuel consumption.

Optimized for emission control systems

Specifically designed for use with emission control systems like DPF (Diesel Particulate Filter). Low SAPS output keeps the emission control system in optimal conditions.

Excellent Cold Start performance

Instant oil flow at low temperature provides easy cold starts and optimal lubrication within seconds after ignition.

Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

SynPower™ LL-12 FE 0W-30	Typical
SAE Viscosity Grade	0W-30
Viscosity @ 100 °C, mm ² /s, ASTM D445	10.0
Viscosity @ 40 °C, mm ² /s, ASTM D445	53.0
Viscosity Index, ASTM D2270	174
Density @ 15 °C, kg/L, ASTM D4052	0.842
Total Base Number, mg KOH/g, ASTM D2896	8.4
CCS Viscosity, mPa.s @ -30 °C, ASTM D5293	<6200
Flash Point (COC), °C, ASTM D92	228
Pour Point, °C, ASTM D5950	-51

Note: SynPower™ LL-12 FE SAE 0W-30 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1414.20	20L
881633	208L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

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