



MAGMA

SYN RNL



DESCRIPTION

MAGMA SYN RNL is fully synthetic, LowSAPS passenger car motor oil developed for top performance Renault engines after 2008. Engineered with TriboACT® Formula proprietary technology, it surpasses the extremely demanding Renault oxidation in-house test. It provides enhanced fuel economy savings (twice the ACEA C4 requirement). It combines high levels of engine protection and piston cleanliness (as compared to the C4 requirements for long drain performance), with protection for exhaust emission systems. The very low volatility for a reduced oil consumption and outstanding oxidation resistance of the oil ensure extended oil drain intervals as defined by the car maker.

APPLICATIONS

MAGMA SYN RNL SAE 5W-30 is first recommendation for the latest generation of diesel engines with diesel particulate filter (DPF) of Renault Group (Renault, Dacia, Nissan) requiring a RN 0720 oil and Mercedes-Benz models equipped with Renault diesel units (MB 226.51 performance level), all meeting Euro 4/5/6 emission levels. It can be used for the most modern Renault petrol engines of claimed RN 0720 performance level. It offers extended drain maintenance cycles and under the most difficult driving conditions (motorway, dense urban traffic, etc.). It also backwards compatible with older models.

CHARACTERISTICS - BENEFITS

CHARACTERISTICS	BENEFITS
Very strong oxidation performance in Renault's in-house LLR engine test.	Less wear than severe ACEA C4 camshaft and tappet test results.
LowSAPS & fully synthetic.	Excellent low temperature properties; maximization of DPF service life.
Very low volatility prevents formation of soot and sludge deposits.	Exceptional thermal and oxidative resistance for long drain intervals.
Boosted with TriboACT® Formula technology.	Better sludge protection vs. ACEA C4-12 limits.

PHYSICAL- CHEMICAL CHARACTERISTICS

MAGMA SYN RNL	METHOD	SAE 5W-30
Density at 15°C, g/cm ³	ASTM D1298	0.841
Dynamic viscosity, °C/cP	ASTM D5293	-30°C/5,000
Viscosity, Kinematic (cSt) 100 ⁰ C	ASTM D445	11.7
Viscosity, Kinematic (cSt) 40 ⁰ C	ASTM D445	67.6
Viscosity index	ASTM D2270	170
Flash point, COC, °C	ASTM D92	225
Pour point, °C	ASTM D97	-36
TBN, mgKOH/g	ASTM D2896	8.2
HTHS Viscosity @150 °C, cp	ASTM D4683	3.52

The above mentioned characteristics represent mean values.

SPECIFICATIONS

ACEA C4; Renault RN 0720; MB 226.51; MB 229.31
Suitable for use: Dacia, Nissan, Suzuki