



# SPECIFIC CNG/LPG 5W-40

**EURO IV & V engines using Compressed Natural Gas (CNG), Liquefied Petroleum Gas (LPG) or Dual fuel (Gasoline + Gas)**

**100% Synthetic**

## TYPE OF USE

Specifically designed for engine using Compressed Natural Gas (CNG), Liquefied Petroleum Gas (LPG) or dual fuel (Gasoline + Gas), EURO IV or EURO V emission regulation compliant. Specially recommended for BMW cars using CNG and requiring an oil with BMW LL-04 specification performance.

## PERFORMANCE

STANDARDS                      ACEA **C3** - API **SM / CF**  
PERFORMANCE                **BMW Long Life-04**

The 100% synthetic base stock improves the level of lubrication and provides huge resistance to high temperatures generated in the engine by CNG or LPG combustion. Engines compliant with EURO IV and EURO V emission regulation are fitted with sensitive systems for exhaust gas after treatment. Sulfur and Phosphorus inhibit catalytic converter operation and can damage catalytic converter components leading to inefficient exhaust gas treatment. BMW has developed BMW LL-04 standard for "Mid-SAPS" lubricants (reduced Sulfur, Phosphorus and Sulfated Ashes content) compatible with after treatment systems such as Three Way Catalytic converters (TWC). These oils allow reaching extended drain intervals managed by on board computer.

## RECOMMENDATION

Drain interval : refer to manufacturers' recommendations and tune to your own use.

## PROPERTIES

Viscosity grade	SAE J300	<b>5W-40</b>
Density at 20° (68°F)	ASTM D1298	0.848
Viscosity at 40°C (104°F)	ASTM D445	85.2 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.2 mm <sup>2</sup> /s
Viscosity HTHS at 150°C (302°F)	ASTM D4741	3.6 mPa.s
Viscosity index	ASTM D2270	172
Pour point	ASTM D97	-39°C / -38.2°F
Flash point	ASTM D92	214°C / 417.2°F
Sulfated ash	ASTM D874	0.78% weight
TBN	ASTM D2896	7.3 mg KOH/g

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

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