



GP

GENERAL PETROLEUM

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Product Data Sheet (PDS)



GP PETROGEN FULLY SYNTHETIC 0W-12 API SP

(World's First API Certified 0W-12 Oil)

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GP Petrogen Fully Synthetic 0W-12 API SP



GP PETROGEN proudly introduces the **world's first API-certified SAE 0W-12 full synthetic motor oil**, engineered for the most demanding next-generation engines. Offering **enhanced performance, superior engine protection, and exceptional fuel efficiency**, GP PETROGEN 0W-12 redefines standards in engine lubrication.

Formulated by the expert scientists at **GP R&D in our state-of-the-art research facility in Germany**, this advanced oil is developed to meet and exceed the latest global specifications—including the **stringent BMW LL-22FE++** standard.

Designed for BMW & MINI Engines:

GP PETROGEN 0W-12 is **recommended for BMW and MINI gasoline engines** and is now considered a **minimum requirement for all BMW gasoline vehicles from model year 2023 onwards**.

Whether turbocharged or naturally aspirated, with direct or indirect injection, this oil delivers:

- **Enhanced engine cleanliness**
- **Optimized cold start protection**
- **Unrivalled fuel economy performance**
- **Superior resistance to LSPI and wear**

Perfect Fit for Hybrid and Advanced Powertrains:

Specifically crafted for **Hybrid Electric Vehicles (HEV)** and **Plug-in Hybrid Electric Vehicles (PHEV)**, GP PETROGEN 0W-12 ensures excellent protection under hybrid operating conditions, including:

- **Cold starts**
- **"Stop & Start" driving cycles**
- **Fuel dilution and water emulsion control**

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It is also **suitable for Battery Electric Vehicles (BEV)** equipped with a petrol-based **range extender** engine. The formulation is **fully compatible with catalytic converters and particulate filters**, helping maintain emissions system performance.

Why Choose GP PETROGEN 0W-12?

- **API SP Certified – World First in 0W-12 Category and JASO GLV-1**
- **BMW LL-22FE++ Performance Meets (Official OEM Approval Applied)**
- **Crafted for hybrid, thermal, and extended-range EV engines**
- **Enhanced fuel economy and long-term engine protection**
- **Engineered in Germany by GP R&D**

TECHNICAL DATA

Sr. No	Characteristics	Test Method	Results
01	Appearance	Visual	Bright & Clear
02	Color		1.5
03	Viscosity at 100		6.9 mm ² /s (cSt)
04	Flash Point		240 C

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

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