



# H-TECH 100 PLUS

## 10W-40

**Gasoline Engine Lubricant**

**100% Synthetic**

### **TYPE OF USE**

Designed to provide ultimate level of performance especially for recent gasoline engine designs. Suitable for turbocharged or naturally aspirated, direct or indirect injection, gasoline engines equipped with catalytic converters.

Suitable for all gasoline engines using leaded or unleaded gasoline, LPG, Autogas fuel. E85 fuel compatible.

All driving conditions : City, Road, Highway.

### **PERFORMANCE**

STANDARDS                      API SERVICE SP

Designed to meet the new API SP specification. API SP standard is fully backward compatible over API SN standard and all former API standards.

H-Tech 100 Plus 10W40 is formulated with the latest technology to provide

- Excellent engine protection
- Protection from Low Speed Pre-Ignition (LSPI) to prevent premature hardware failure
- Additional timing chains and valve train wear protection for engine durability
- Improved piston cleanliness with anti-deposits and anti-sludge protection to maintain an engine clean
- Protects vehicle emission system component for emission control systems durability
- Outstanding oxidation resistance preventing premature oil thickening and ageing due to thermal stress
- Anti-corrosion, Anti-foam properties.

The API SP lubricant provides added protection against Low Speed Pre-ignition (LSPI) for downsized direct injection turbocharged gasoline engines, additional timing chain wear protection for engine durability, improved oxidation control and piston cleanliness, and protects vehicle emission system components.

Turbocharged gasoline engines with direct injection have a risk of sporadic pre-ignition phenomena in the combustion chambers. LSPI, also known as knocking or rumble, generates very high pressure peaks in the combustion chamber that can lead to piston damages and ultimately to engine destruction. The API SP standard fully covers this LSPI requirement in order to perfectly protect direct injection turbocharged gasoline engines.

## **RECOMENDATIONS**

Drain period : according to manufacturers' recommendations and driving patterns.

## **PROPERTIES**

Viscosity grade	SAE J 300	<b>10W-40</b>
Density at 20°C (68°F)	ASTM D4052	0.852
Viscosity at 40°C (104°F)	ASTM D445	100.5 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	ASTM D445	14.9 mm <sup>2</sup> /s
Viscosity index	ASTM D2270	155
TBN	ASTM D2896	7.1 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

MOTUL - 119 Bd Félix Faure - 93303 AUBERVILLIERS CEDEX - BP 94 - Tel : 33 1 48 11 70 00 - Fax : 33 1 48 33 28 79 - Web Site: [www.motul.fr](http://www.motul.fr)