



SYNPLUS A5/B5 SL/CF 0W30

DESCRIPTION

Hi-Tec Synplus A5/B5 SL/CF 0W30 is a full synthetic, low SAPS, super high performance engine oil which combines the latest development in oil formulation and additive technology to provide a lubricating oil with the highest level of protection whilst promoting fuel efficiency in modern low friction engines.

Hi-Tec Synplus A5/B5 SL/CF 0W30 is a stable, stay-in-grade oil intended for use at extended drain intervals in high performance gasoline engines and car and light van diesel engines. These engines will be designed to be capable of using this low friction low viscosity oil with a High Temperature / High Shear rate (HTHS) viscosity of between 2.9 and 3.5 mPa.s.

Hi-Tec Synplus A5/B5 SL/CF 0W30 meets the 2008 ACEA A5/B5 specifications giving it increased sludge handling performance to further increase the long drain capabilities of this oil.

Today's environmentally conscious market demands reduced emissions and increased fuel efficiency. This has led to the development of new engine designs resulting in demands for higher quality lubricants.

Car manufacturers have developed smaller, higher output engines to meet stricter fuel economy limits. Small engines help decrease vehicle weight and improve economy but these engines impact lubricants through:

- **Increased heat** which accelerates the rate of oil oxidation, nitration and deposit formation. This degrades the oil and encourages the creation of more acid and engine sludge and increases oil viscosity, resulting in more internal engine drag and less performance.
- **Increased pressure and speed** which makes it harder for the oil to maintain a lubricant film to prevent metal on metal contact. This accelerates valve train wear.

DATA SHEET

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Hi-Tec Synplus A5/B5 SL/CF 0W30 is designed to meet these challenges to the engine's lubrication systems.

SPECIFICATIONS:

Hi-Tec Synplus A5/B5 SL/CF 0W30 meets:

ACEA: A5/B5-08
API: SL, SJ, SH, CF, CE, CD

This oil is not suitable for all vehicles. Consult owner's manual or handbook if in doubt.

TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>RESULT</u>
Density, kg/lt @ 15°C	0.852
Viscosity, cSt @ 100°C	10.5
cSt @ 40°C	61
Cranking, cP @ -35°C	6080
Viscosity Index	163
HTHS, cP	3.2
Total Base Number, mg KOH/g	10.1
Sulphated Ash, % wt	1.26
Phosphorus Content, % wt	0.09
Sulphur Content, % wt	0.26
Flash Point, °C min	200
Colour	Amber

Item Code: 2103

"The facts stated and the recommendations made herein are believed to be accurate. No guarantee of their accuracy is made however, and unless otherwise expressly provided in written contract, the products are sold without conditions or warranties, expressed or implied. Purchasers should determine the suitability of such products for their particular purposes"

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