



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

PRODUCT DATA SHEET

SYNPLUS A5/B5 5W30

DESCRIPTION

Hi-Tec Synplus A5/B5 5W30 is a full synthetic, full SAPS, super high performance engine oil which meets the ACEA A1/B1, ACEA A5/B5 and Ford WSS-M2C-913D specifications. It combines the latest developments in oil formulation and additive technology to provide a lubricating oil with the highest level of protection, whilst promoting fuel efficiency and lowering emissions in modern low friction engines.

Hi-Tec Synplus A5/B5 5W30 is intended for use at extended drain intervals in 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 5W30 meets the 2010 edition of the ACEA specifications in that it has improved sludge handling performance to further increase it's the long drain capabilities.

Hi-Tec Synplus A5/B5 5W30 meets the Ford WSS-M2C-913D specification, which defines a fuel economy engine oil suitable for many new Ford vehicles and is matched to the ACEA A5/B5 specifications. It is backwardly compatible with Ford WSS-M2C-913C, WSS-M2C-913B and WSS-M2C-913 specifications and can be used in cars requiring these engine oils.

Today's environmentally conscious market demands reduced emissions and increased fuel efficiency. Car manufacturers have developed smaller, higher output engines to meet these stricter requirements. These new engine designs have resulted in the need for higher performing lubricants.

Smaller engines help decrease vehicle weight and improve fuel economy but impact lubricants through:

- **Increased heat generation** 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 internal pressures and engine speeds** which make it harder for the oil to maintain a lubricant film and prevent metal on metal contact. This accelerates valve train wear.

Hi-Tec Synplus A5/B5 5W30 is designed to meet these challenges to the engine's lubrication systems, providing full engine protection whilst increasing fuel economy and drain intervals and lowering emissions.



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SPECIFICATIONS

Hi-Tec Synplus A5/B5 5W30 meets:

ACEA:	A5/B5-10 A1/B1-10
API:	SL/CF
Ford:	WSS-M2C-913D, WSS-M2C-913C, WSS-M2C-913B, WSS-M2C-913
Renault:	RN0700

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/ltr @15°C	0.857
Viscosity, cSt @100°C	9.39
cSt @ 40°C	50.3
Viscosity Index	173
Total Base Number, mg KOH/g	11.2
Sulphated Ash, % wt	1.26
Calcium Content, % wt	0.325
Zinc Content, % wt	0.102
Phosphorus Content, % wt	0.095
Sulphur Content, % wt	0.265
Flash Point, °C min	200
Colour	Amber

Item Code: HI1-2112

Available In: Bulk, 200 Lt, 20 Lt, and 5 Lt

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner. Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Effective: July 2014

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