



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

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PRODUCT DATA SHEET

SYNPLUS A5/B5 5W/30

PRODUCT DESCRIPTION

Synplus A5/B5 5W/30 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.

Synplus A5/B5 5W/30 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.

Synplus A5/B5 5W/30 meets the 2016 edition of the ACEA A5/B5 specifications in that it has improved sludge handling performance to further increase it's the long drain capabilities.

Synplus A5/B5 5W/30 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 backwards 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** - 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** - make it harder for the oil to maintain a lubricant film and prevent metal on metal contact. This accelerates valve train wear.

Synplus A5/B5 5W/30 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.

SPECIFICATIONS

Synplus A5/B5 5W/30 meets:

ACEA: A5/B5

A1/B1

API: SL/CF

Ford: WSS-M2C-913D, WSS-M2C-913C, WSS-M2C-913B, WSS-M2C-913

Renault: RN0700

Jaguar: ST JLR.03.5003

Always consult your vehicle owner's manual for the manufacturer's recommendations.



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TYPICAL PROPERTIES

Property	Results
Appearance	Amber
Density (kg/Lt) @ 15°C	0.857
Viscosity (cSt) @ 100°C	9.39
@ 40°C	50.3
Viscosity Index	173
TBN (mg KOH/g)	11.2
Sulphated Ash (% wt)	1.26
Calcium (% wt)	0.325
Zinc (% wt)	0.102
Phosphorus (% wt)	0.095
Sulphur (% wt)	0.265
Flash Point (°C)	200

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"

Item code: HI1-2112

Effective: March 2022

MR223003/1



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