



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

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PRODUCT DATA SHEET

SYNPLUS 0W/30 SL A5/B5

PRODUCT DESCRIPTION

Synplus 0W/30 SL A5/B5 is a full synthetic, full 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.

Synplus 0W/30 SL A5/B5 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 mPas.

Synplus 0W/30 SL A5/B5 meets the 2016 edition of the 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** - 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** - makes it harder for the oil to maintain a lubricant film to prevent metal on metal contact. This accelerates valve train wear.

Synplus 0W/30 SL A5/B5 is designed to meet these challenges to the engine's lubrication systems.

SPECIFICATIONS:

Synplus 0W/30 SL A5/B5 meets:

ACEA: A5/B5, A1/B1

API: SL, SJ, SH, CF, CE, CD

Volvo: VCC 95200377 Service Fill

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



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TYPICAL PROPERTIES

| Property | Results |
|---------------------------|---------|
| Colour | Amber |
| Density (kg/Lt) @ 15°C | 0.852 |
| Viscosity (cSt) @ 100°C | 10.5 |
| @ 40°C | 61 |
| CCS @ -35°C (cP) | 6080 |
| Viscosity Index | 163 |
| HTHS (cP) | 3.2 |
| TBN (mg KOH/g) | 10.1 |
| Sulphated Ash (% wt) | 1.26 |
| Phosphorus Content (% wt) | 0.09 |
| Sulphur Content (% wt) | 0.26 |
| Flash Point (°C) | 200 |

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

"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"

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