



## PRODUCT DATA SHEET

### SYNPLUS DL-1 5W/30

#### PRODUCT DESCRIPTION

**SYNPLUS DL-1 5W/30** is a full synthetic, low to mid 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 diesel engines.

**SYNPLUS DL-1 5W/30** is a stable, stay-in-grade catalyst and DPF compatible oil intended for use at extended drain intervals in 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 2.9mPa.s minimum.

**SYNPLUS DL-1 5W/30** meets the Japanese (JASO M355:2005&M355:2017) DL-1 performance standard. This standard extends the existing DH-1 classification for diesel engines to recognise the different requirements of passenger car light diesel, and truck and bus diesel engines when using fuel with a maximum 0.005% sulphur content. Adding to the existing engine detergency, wear prevention and other performance benchmarks, there are the requirements to reduce the amount of soot (responsible for DPF clogging), and reduce the oil constituents that may impede catalyst performance.

**SYNPLUS DL-1 5W/30** meets today's environmentally conscious market demands of reduced emissions and increased fuel efficiency.

#### BENEFITS:

- Longer drain intervals
- Better fuel economy
- Longer life for catalytic exhaust systems
- Preserved performance of DPF and TWC filter systems

#### SPECIFICATIONS:

**SYNPLUS DL-1 5W/30** meets the JASO DL-1 performance level.

Suitable for use in an ACEA C2 application when outside of warranty.

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

#### TYPICAL PROPERTIES

| Property               | Results |
|------------------------|---------|
| Appearance             | Amber   |
| Density (kg/Lt) @15°C  | 0.850   |
| Viscosity (cSt) @100°C | 9.4     |
| @40°C                  | 51.9    |
| CCS @ -30°C (cP)       | 4500    |
| Viscosity Index        | 167     |
| HTHS (cP)              | 3.0     |
| TBN (mg KOH/g)         | 4.2     |
| Sulphated Ash (% wt)   | 0.5     |
| Phosphorus (% wt)      | 0.08    |
| Sulphur (% wt)         | 0.31    |
| Flash Point (°C)       | 230     |





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## PRODUCT DATA SHEET

**Available in:** Bulk, 200 Litres, 20 Litres, 10 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](http://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](http://www.hi-tecoils.com.au)"

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