



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

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PRODUCT DATA SHEET

FLEETMASTER LOW SAPS EURO 10W/40

PRODUCT DESCRIPTION

Hi-Tec Fleetmaster Low SAPS Euro 10W40 is an SAE 10W-40 full synthetic high performance diesel engine oil designed to meet the ACEA E6 and Euro V emission requirements.

Its primary application is for the latest low emission Euro V European trucks and buses requiring a Low SAPS lubricant*.

Hi-Tec Fleetmaster Low SAPS Euro 10W40 is ideal for truck, bus and coach operators looking for substantial long term cost savings in running the fleet, particularly in extended oil drain applications.

It is suitable for use with NOx reduction systems and particulate filters, and designed to be used with lower sulphur (50 ppm max) diesel fuel.

*Low SAPS means that the lubricant is formulated with lower levels of **Sulphated Ash**, **Phosphorous** and **Sulphur** than conventional oils.

PRODUCT APPLICATION

Hi-Tec Fleetmaster Low SAPS Euro 10W40 is recommended for Deutz, MAN, Mercedes-Benz, Renault, Scania and Volvo engines.

It may be used in all vehicles that require the following lubricant performance standards:

API: CI-4, CH-4, CG-4, CF-4, CF.

ACEA: E7, E6, E4 (2008 Issue 2).

EURO emission requirements: I, II, III, IV, V.

JASO DH-2

OEMs: Mercedes Benz: Sheet 228.51, 235.27;

MAN: M3477, M3271-1;

Volvo: VDS-3, VDS-2, VDS;

MTU Type 3.1;

CAT ECF-1-a;

Deutz DQC IV-10LA;

Renault: RGD, RXD, RLD, RLD-2;

Scania Low Ash.



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Hi-Tec Fleetmaster Low SAPS Euro 10W40 is suitable for use in large direct injection (DI) Japanese engines in some Hino, Isuzu, Mitsubishi and UD models. However our prime recommendation for most Japanese engines is **Hi-Tec Fleetmaster J-Tec 15W40**.

Hi-Tec Fleetmaster Low SAPS Euro 10W40 is suitable for use in the manual transmission of some Holden Rodeo and Jackaroo models

Caution: Must not be used in Detroit Diesel 2-stroke engines, or petrol engines. Not recommended for American technology engines requiring API CJ-4 or CI-4 PLUS performance. Consider **Hi-Tec Fleetmaster CJ-4 15W40**, **Hi-Tec CI-4 Plus 15W/40** or dedicated petrol engine lubricants.

PRODUCT BENEFITS

Hi-Tec Fleetmaster Low SAPS Euro 10W40 provides real benefits to the user due to its combination of advanced additives and a synthetic base fluid system.

- **Maximum engine durability and truck availability** through unsurpassed wear protection, bore polish control and maintenance of engine cleanliness.
- **Reduced maintenance costs and downtime** through the ability to maximise oil drain intervals to keep vehicles on the road for longer. The low SAPS additive system keeps on working even in the toughest conditions.
- **Reduced wear** through state-of-the-art soot handling chemistry maintaining optimum oil flow and pumpability
- **Efficient after-treatment systems.** **Hi-Tec Fleetmaster Low SAPS Euro 10W40** maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emissions legislation.
- **New and old engine design suitability** through proven performance with low (0.05%) and medium (0.5%) sulfur fuels.
- **Significant cost savings** through reductions in oil and fuel consumption (when compared with conventional mineral 15W-40 oils)
- **Rapid oil circulation at start-up** to maximise wear protection for critical components such as the valve train, turbocharger and bearings.
- **Reduced inventory.** Because **Hi-Tec Fleetmaster Low SAPS Euro 10W40** can be used in all Euro V trucks, fleets which contain different makes only need to stock one engine oil.



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TYPICAL PROPERTIES

<u>PROPERTY</u>	<u>RESULTS</u>
SAE Viscosity	10W-40
Colour	Fluorescent Green
Density, kg/L	0.863
KV at 40°C, cSt	85.45
KV at 100°C, cSt	12.9
Cold Crank at -25°C, cP	6,480
Viscosity Index	151
Pour Point, °C	-36
Sulfated Ash, % wt	1.0
TBN, mg KOH/g	12.3

The above data is typical and does not constitute a specification.

"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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