



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.a

PRODUCT DATA SHEET

Fleetmaster 5W/30 Long Drain 4

PRODUCT DESCRIPTION

Fleetmaster 5W/30 Long Drain 4 is an SAE 5W/30 full synthetic high performance diesel engine oil designed to meet the requirements of the Scania LDF-4 specification. This lubricant targeted at modern low emission Euro VI Scania trucks and buses requiring a Low SAPS lubricant.

Fleetmaster 5W/30 Long Drain 4 meets the Scania LDF-4 specification which offers the longest possible oil drain intervals but at the same time improving fuel economy as well as reducing the impact of oil on exhaust after-treatment systems. These characteristics result in the lowest possible total operational cost, with the best possible engine wear protection.

Fleetmaster 5W/30 Long Drain 4 also meets the ACEA E6, API CK-4 and Euro VI emission requirements. It is ideal for truck, bus and coach operators looking for substantial long-term cost savings in running their fleet, particularly in extended oil drain applications. It is suitable for use with NOx reduction systems and particulate filters and is designed to be used with lower sulphur (50 ppm max) diesel fuel.

Fleetmaster 5W/30 Long Drain 4 is suited for use in modern Scania low emission vehicles requiring a longer drain interval and higher fuel economy. It is also applicable to many modern European and American technology heavy duty diesel engines, particularly Cummins, Detroit Diesel, MAN, Mercedes Benz, and Volvo/Renault/Mack.

BENEFITS

Fleetmaster 5W/30 Long Drain 4 provides real benefits to the user due to its combination of advanced additives and a synthetic base fluid system:

- Engine durability and vehicle availability, through unsurpassed wear protection, bore polish control and maintenance of engine cleanliness.
- Reduces maintenance and down time as it maximizes oil drain intervals to keep vehicles on the road for longer.
- Reduces engine wear via state-of-the-art soot handling chemistry which maintains optimum oil flow and pump-ability.
- Maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emissions legislation.
- Suitable for new and old engines due to its proven performance with low (0.05%) and medium (0.5%) sulphur fuels.
- Reduces oil and fuel consumption (compared with conventional mineral 15W/40 oils).
- Reduced inventory because **Fleetmaster 5W/30 Long Drain 4** can be used in many European and American trucks: fleets which contain different makes only need to stock one engine oil.



AUSTRALIAN FAMILY OWNED SINCE 1989





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SPECIFICATIONS

Fleetmaster 5W/30 Long Drain 4 meets or exceeds the following demanding performance requirements:

ACEA: E6, E9.

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

API: CK-4, CJ-4

JASO: DH-2

OEMs:

Cummins CES 20086

Mack EOS-4.5

Mercedes Benz 228.51

Scania LDF-4

Detroit Diesel DDC 93K222

MAN M3677

Renault RLD-4

Volvo VDS-4.5

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

TYPICAL PROPERTIES

Property	Results
Appearance	Amber
Density (kg/Lt)	0.857
Kinematic Viscosity (cSt) @ 40°C	74.3
@ 100°C	12.1
Viscosity Index	160
CCS (cP) at -30°C	6,290
HTHS @ 150 °C (cP)	3.59
Pour Point (°C)	-36
Sulphated Ash (% wt)	0.94
TBN (mg KOH/g)	9.8

Available in: Bulk, 1000 Litres, 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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