



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

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PRODUCT DATA SHEET

FLEETMASTER ACEA E4 5W/30

PRODUCT DESCRIPTION

Fleetmaster ACEA E4 5W/30 is a full synthetic heavy duty diesel engine oil designed specifically to meet the UHPD (Ultra High Performance Diesel) lubricant category for vehicles running under severe operating conditions, such as those requiring significantly extended oil drain intervals.

Fleetmaster ACEA E4 5W/30 is formulated to meet the highest European performance specifications for vehicles without particulate filters, as well as for some vehicles fitted with SCR (Selective Catalytic Reduction) NOx and EGR (Exhaust Gas Recirculation) systems. It is also suitable for use in diesel engines meeting Euro I, II, III, IV, V and VI emission requirements.

BENEFITS

- Extension of oil change intervals
- Excellent protection across a wide operational temperature profile especially in the presence of biodiesel
- Outstanding internal friction reduction and increased wear protection due to increased oil durability even with this lighter viscosity grade
- Exhaust system protection due to enhanced phosphorus retention
- Significant savings on fuel operational costs due to increased fuel economy

APPLICATIONS

Fleetmaster ACEA E4 5W/30 is designed specifically for extended service intervals in UHPD heavy duty trucks as recommended by OEMs such as Caterpillar, Cummins, Deutz, Iveco, Mack, MAN, Mercedes Benz, MTU/Detroit Diesel, Renault, Scania and Volvo.

SPECIFICATIONS

ACEA: E4 -12 (2012), E7 -12 (2012).

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

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

OEMs:

CAT ECF-2.

Deutz DQC IV-10.

Iveco 18-1804 FE.

Mack EO-N Premium Plus, EO-M Plus.

Mercedes Benz MB 228.5.

Renault RXD, RLD-2.

Volvo VDS-3.

Cummins CES 20076, 20078.

Global DHD-1.

JASO DH-1.

M.A.N. 3277, 3377.

MTU Type 3.

Scania LDF.

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



AUSTRALIAN FAMILY OWNED SINCE 1989





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TYPICAL PROPERTIES

Property	Method	Results
SAE Viscosity	SAE J300	5W/30
Density (kg/Lt)	ASTM D-4052	0.863
Viscosity (cSt) @ 100°C	ASTM D-445	11.7
@ 40°C	ASTM D-445	71
CCS @ -30°C (cP)	ASTM D-5293	6260
Viscosity Index	ASTM D-2270	160
HTHS (cP)	ASTM D-4683	3.6
Noack Volatility	ASTM D-5800	12.0
Flash Point (°C)	ASTM D-92	220
Pour Point (°C)	ASTM D-97	-48
Sulfated Ash (% wt)	ASTM D-874	1.34
TBN (mg KOH/g)	ASTM D-2896	12.5
Phosphorus (% wt)	ICP	0.075
Sulphur (% wt)	ICP	0.23
Zinc (% wt)	ICP	0.081
Calcium (% wt)	ICP	0.346
Magnesium (% wt)	ICP	0.008

Available in: Bulk, 200 Litres and 20 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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