



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

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PRODUCT DATA SHEET

FLEETMASTER CJ-4 15W/40

(Also known as FLEETMASTER EXTREME CJ-4 15W/40)

PRODUCT DESCRIPTION:

Hi-Tec Fleetmaster CJ-4 15W/40 is formulated using the latest technology base oils for use in heavy duty diesel engines operating in the harsh Australia conditions. The very high dispersant, anti-wear formulation exceeds the requirements of API CJ-4. This lubricant is specifically designed to meet the requirements of the latest low emission US engines with cooled EGR, as well as Caterpillar ACERT engines and Volvo engines requiring the latest VDS-4 specification.

Hi-Tec Fleetmaster CJ-4 15W/40 exceeds many international specifications for top performance and long service life in four stroke turbo-charged and normally aspirated diesel engines. It assists in reducing soot thickening in the latest US low emission engines.

Hi-Tec Fleetmaster CJ-4 15W/40 is uniquely formulated to promote the highest standards of engine cleanliness in modern highly stressed turbocharged engines. It very effectively controls and inhibits bore polishing tendencies, high oil consumption rates and premature wear.

The excellent performance of **Hi-Tec Fleetmaster CJ-4 15W/40** minimises the formation of damaging deposits in ring grooves and land areas, particularly the quench top ring belt areas of 'tight piston' engines.

The special balance of over-based alkaline reserve additives (TBN components) in **Hi-Tec Fleetmaster CJ-4 15W/40** effectively neutralises acidic combustion by-products caused by the sulphur content in fuel (especially diesel fuel). This helps reduce the corrosion of critical engine components and the otherwise catastrophic effects these by-products have on oil.

SPECIFICATIONS:

Hi-Tec Fleetmaster CJ-4 15W/40 meets the requirements of the following specifications:

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

API: SN, SM, SL

ACEA: E9-12, E7-12

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

OEM's:	CAT ECF-3, ECF-2, ECF-1-A	Cummins CES 20081
	Detroit Diesel PGOS 93K218	Deutz DQC III-10 LA
	Mack EO-O Premium Plus	Mercedes Benz MB 228.31
	M.A.N. M3575	MTU Type 2.1
	Renault RVI RLD-3	Volvo VDS-4

Allison C4 Transmission Test Demonstration Program

JASO DH-2 Demonstration Program

Suitable for Detroit Diesel



AUSTRALIAN FAMILY OWNED SINCE 1989





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OEM APPROVALS:

Hi-Tec Fleetmaster CJ-4 15W/40 has the following OEM approvals:

Cummins CES 20081

Mack EO-O Premium Plus

Renault RVI RLD-3

Volvo VDS-4

<u>PROPERTY</u>	<u>ASTM METHOD</u>	<u>RESULTS</u>
SAE Viscosity	SAE J300	15W/40
Density kg/m ³	ASTM D-1298	0.876
Viscosity @ 100 °C	ASTM D-445	14.8
@ 40 °C	ASTM D-445	116
CCS @ -20C, cP	ASTM D-5293	5820
Viscosity Index	ASTM D-2270	132
HTHS Viscosity, cP	ASTM D-4683	4.05
Flash Point COC °C	ASTM D-92	235
Pour Point °C	ASTM D-97	-33
Sulphated Ash, % w/w	ASTM D-874	1.0
TBN, mg KOH/g	ASTM D-2896	9.4
Phosphorus, % w/w	ASTM D-4951	0.115
Sulphur, % w/w	ASTM D-4951	0.3
Zinc, % w/w	ICP	0.127
Calcium, % w/w	ICP	0.121
Magnesium, % w/w	ICP	0.083

Available in: Bulk, 200 Litres, 20 Litres, 10 Litres, 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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Effective: February 2015

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