

## FLEETMASTER CJ-4 15W/40

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

### PRODUCT DESCRIPTION AND APPLICATION

**Hi-Tec Fleetmaster CJ-4 15W/40** is formulated using the latest technology base oils for use in heavy-duty diesel engines operating in harsh Australia conditions. The very high dispersant, anti-wear formulation exceeds the requirement of API CJ-4. This lubricant is specifically designed to meet the requirement 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 turb-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** minimizes the formation of damaging deposits in ring grooves and land areas, particularly the quenched 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 neutralizes acidic combustion by-products caused by the sulfur 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 or exceeds the following demanding performance requirements

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, V

### OEMs:

CAT ECF-3, ECF-2, ECF-1-A  
Detroit Diesel PGOS 93K218  
Mack EO-O Premium Plus  
M.A.N. M3575  
Renault RVI RLD-3

Cummins CES 20081  
Deutz DQC III-10 LA  
Mercedes Benz MB 228.31  
MTU Type 2.1  
Volvo VDS-4

Allison C4 Transmission Test Demonstration Program  
JASO DH-2 Demonstration Program Suitable for Detroit Diesel

**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

**TYPICAL PROPERTIES**

<b>PROPERTY</b>	<b>ASTM Method</b>	<b>TYPICAL RESULTS</b>
Density kg/m <sup>3</sup>	D1298	0.876
Viscosity @ 100 °C	D445	14.8
@ 40 °C	D445	116
CCS @ -20C, cP	D5293	5820
Viscosity Index	D2270	132
HTHS Viscosity, cP	D4683	4.05
Flash Point COC C	D92	235
Pour Point C	D97	-33
Sulphated Ash, %w/w	D874	1.0
TBN, mg KOH/g	D2896	9.4
Phosphorus, %w/w	D4951	0.115
Sulphur, %w/w	D4951D	0.3
Zinc, %w/w	ICP	0.127
Calcium %w/w	ICP	0.121
Magnesium, %w/w	ICP	0.083

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it is the responsibility of use 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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