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**TDS 003**

**SUBJECT: OIL SPECIFICATIONS****ENVIRONMENTAL & QUALITY MANUAL**  
(in accordance with ISO 9001 & 14001)**VISCOL CF/SF 15W40 MULTIGRADE ENGINE OIL (EXCELLENT)****Description & Characteristics:**

An excellent quality SAE 15W40 heavy duty oil, recommended for naturally aspirated and turbocharged diesel engines and petrol engines of most contractor and commercial automotive equipment.

Having a Viscosity Index improved for stay-in-grade performance and considerable quality reserve, this mixed fleet oil exceeds the performance requirements of a few statutory and manufacturers specifications/standards.

Viscol CF/SF 15W40 Multigrade Oil meets the following classifications:

VISCOL CF/SF 15W40 MULTIGRADE OIL	TYPICAL
Viscosity, mPa.s at -15°C max	3500
Viscosity, mm <sup>2</sup> /s at 40°C (cSt)	110
Viscosity, mm <sup>2</sup> /s at 100°C (cSt)	14,6
Viscosity Index	134
Pour Point, °C max	-24
Flash Point, °C min	216
Sulphated Ash, % m/m	1,5
Total Base Number, mg KOH/g	8

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### **ENVIRONMENTAL & QUALITY MANUAL** (in accordance with ISO 9001 & 14001)

#### **Performance Level:**

API Service Classifications CF/SF  
SABS 400-A, 400 and 399, MIL-L-2104D & MIL-L-2104C  
GM 6136-M  
Ford ESE-M2C101-C  
Caterpillar API CF  
Daimler-Benz 227.1  
ADE Annexure C, D and E  
Volvo VDS

#### **Benefits:**

Good engine cleanliness for reliable oil circulation.  
Excellent protection against wear, rust, and corrosion.  
Lower fuel and oil consumption under normal service conditions.  
Extended drain capability when in line with OEM recommendations and supported by used-oil analysis.  
Easy cold starting and rapid lubrication at start-up.  
Mixed fleet application for both diesel and petrol engines.

#### **Applications:**

Recommended for naturally aspirated and turbo-charged diesel engines, petrol engines, and for certain hydrodynamic transmissions and hydraulic systems used in contractor and commercial automotive equipment.

Always follow the engine/vehicle manufacturer's recommended viscosity grade, performance category, and drain interval.

For extended drains or severe duty (high load, high temperature, dusty environments, or high idle), support maintenance with periodic used-oil analysis and top up with the same grade/specification.

**Experienced personnel from our Technical Division are available for discussion on all aspects. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for his own use.**

**The products discussed are sold without any warranties either expressed or implied, including warranties of merchantability and of fitness for particular purpose.**

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