

**Specialists in Industrial & Automotive Oil**

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Document Number:

**TDS016B****SUBJECT: OIL SPECIFICATIONS**

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

**VISCOL 15W40 CI-4/SL MULTIGRADE ENGINE OIL (EXTREME)****Description & Characteristics:**

A superior quality SAE 15W40 extra heavy duty oil, recommended for naturally aspirated and turbo-charged diesel engines, petrol engines, hydrostatic transmissions and hydraulic systems 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 number of statutory and manufacturers specifications/standards.

Viscol 15W40 CI-4/SL Multigrade Oil meets the following classifications:

VISCOL CI-4/SL 15W40 MULTIGRADE OIL	TYPICAL
Viscosity, mPas 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	150
Pour Point, °C max	-25
Flash Point, °C min	216
Sulphated Ash, % m/m	1,5
Total Base Number, mg KOH/g	14

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**Performance Level:**

API Service Classifications CI-4, CH-4, CG-4, CF-4, SJ, SL  
SABS 1361, 400-A, 400 & 399  
MIL-L-2104D and MIL-L-46152B  
CCMC requirements.  
Ford ESE-M2C144-A, ESE-M2C-87-A/88-A, ESN-M2C121-B, ESE-M2C153-C, ESEE-M2C1004-A, SM-2C1016-A/1017-A and SSM-2C9001-AA  
Caterpillar API CF/to -2  
Leyland BLS-OL-02  
Mack EO-M+  
Daimler-Benz 228.2/3  
ADE Annexure C, D and E  
ACEA Service Class. E7 – 04  
Volvo VDS – 3  
MAN M3275  
Renault Truck RLD-2  
Cummins CES 20076/77/78  
Global DHD-1  
Allison C4 Level

**Benefits:**

Good engine cleanliness.  
Protection against the effects of high sulphur fuels.  
Excellent protection against wear, rust and corrosion.  
Lower fuel and oil consumption.  
Extended drain period capability.  
Easy cold starting.  
Mixed fleet application.

**Applications:**

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

**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/her 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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