

## VELION 20W-40 TRACTOR M/G API SM/CF4

### MULTIGRADE OIL 20W-40 TRACTOR DIESEL ENGINE OIL

**VELION** Multigrade 20W-40 is a high quality multigrade diesel engine oil blended with superior quality high viscosity index base oil and well balanced group of additives to provide high detergency, dispersancy and anti-oxidation characteristics. This oil is formulated to perform under the most stringent operating conditions of heavy duty diesel engines and offers outstanding protection against oil degradation, oil thickening and corrosion. It has good shear stability and maintains its viscosity under high shear, high temperature conditions. Velion Multigrade 20W-40 provides the highest level of protection for relatively older diesel engines, large or small, non-turbocharged or turbocharged diesel engines.

#### Applications :

VELION Multigrade 20W-40 is recommended for use in heavy duty commercial vehicles, light commercial vehicles, multiutility vehicles, tractors, 3 wheelers, gensets etc. fitted with high speed naturally aspirated or turbo charged diesel engines operating at low speed and high torque conditions

#### Performance / Benefits :

**Resistance to Oxidation and Thermal Degradation** – enhanced high temperature oxidation stability offers superior protection to the engine oil at high temperatures and controls sludge build-up and deposits formation in the engine. Extends oil life.

**Enhanced Engine Life** – superior wear protection characteristics of the oil provides improved protection to various critical engine parts such as cylinder liner, piston rings & valve, cams etc. over wide range of operating temperature. Extends engine life and reduces maintenance cost.

**Engine Cleanliness** – advanced detergent-dispersant additive technology provides improved engine cleanliness and ensures consistent high performance of the engine. Enhances engine and oil life.

**Multigrade Performance** – Multigrade viscosity is designed to provide easy engine start-up and minimal start-up wear along with protection in high temperature conditions.

**Excellent Shear Stability** – Ensures viscosity control at high temperatures and high shear conditions. Provides protection to the components.

**Good TBN Retention** – excellent protection against corrosive wear of engine components due to high TBN retention capacity over the oil life.

Performance Level / Specification :  
Meets the performance bench marks of  
API SM/CF4

#### Typical Physico-Chemical Data : Velion 20W-40 TRACTOR M/G

Characteristics	Method	Value
SAE Grade		20W-40
Colour	Visual	Brown
Appearance	Visual	Clear
Density@ 29.5 C, g/cc	ASTM D2298	0.856
Kinematic Viscosity @40 C, cSt	ASTM D445	118
Kinematic Viscosity @100 C, cSt	ASTM D445	14
Viscosity Index	ASTM D2270	120
Copper Corrosion, 100 C, 3 hrs	ASTM D230	1a
Flash Point, C	ASTM D92	240
Pour Point, C	ASTM D97	-21
TBN, mg. KOH/gm		7-10

These characteristics are typical variations in these may occur\*

- **Storage & Handling:** The product should be stored inside. Keep it properly sealed to avoid contamination. Avoid freezing and store under protected storage conditions.
- **Health & Safety:** It is unlikely to be hazardous when properly used in recommended applications. Contamination of the oil from other oils, greases, chemicals, dirty water etc. can occur during the use. It should be avoided. Regular monitoring of the in-use product is recommended.