

VELION SUPER 15W-40 M/G API CF 4

PREMIUM MULTIGRADE DIESEL ENGINE OIL FOR HIGH LOAD APPLICATIONS

VELION SUPER M/G15W-40 CF-4 is a premium quality, high performance and commercial multi-grade diesel engine oil. Designed for the most severe performance requirements of modern, highly rated turbo charged diesel engines in the over the road transport fleet applications and off highway operations. It assures outstanding protection against high temperature engine deposits, oil degradation, oil thickening and corrosion resistance. The oil is having excellent shear stability to maintain viscosity under severe, high temperature operations. It can also be use in place of CF/CE/CD.

Recommended Use :

- BS-I/II Commercial vehicle diesel engines.
- Applicable for mixed fleets of diesel engines (high-speed, four-stroke, turbocharged or naturally aspirated) in HCV's, LCV's, Tractors, Jeeps, Cars & Three Wheelers etc.

Performance / Benefits :

Engine Protection – excellent resistance to oil breakdown and deposit formation under high temperatures and aggressive driving conditions. Controls oil thickening. Extends oil life.

Superior Deposit Control – balanced blend of detergents and dispersants cleanse engine components. Offers superior control of sludge and harmful deposit formation. Maintains optimum engine performance and enhances oil life.

Excellent Thermo-Oxidative Stability – excellent capability to handle higher soot levels occurring in engines fitted with EGR technology. Dispersant additives keep sootparticles finely dispersed in oil. Controls oil thickening and increases oil filter life.

Reduced Oil Consumption – high quality base oils with lower volatility have potential of lowering oil consumption and reduced top ups.

Excellent Lubrication – the higher viscosity of the engine oil offers excellent lubrication and makes the engine run smoother.

Good TBN Retention – offers long-term protection against corrosion of ferrous and non-ferrous metals.

Corrosion Protection – provides excellent control of acids formed by oxidation of oil and combustion of fuel. Selected detergent additives neutralise them help preventcorrosion.

Engine Protection – offers improved wear protection in the critical areas of engine like valve train, cylinder liner and piston rings. Improves durability and reliability of engine.

Shear Stable Chemistry – ensures viscosity control at high temperatures and high shear conditions.

Reduced Oil Consumption – high quality base oils with lower volatility have potential of lower oil consumption.

Performance Level / Specification :
Meets the performance bench marks of
SAE 15W-40API CF4
BS-III & BS-IV norms.

Typical Physico-Chemical Data : Velion Super 15W-40 M/G CF4

Characteristics	Method	Value
SAE Grade		15W-40
Colour	Visual	Brown
Appearance	Visual	Clear
Density@ 29.5 C, g/cc	ASTM D4052	0.871
Kinematic Viscosity @40 C, cSt	ASTM D445	128
Kinematic Viscosity @100 C, cSt	ASTM D445	15
Viscosity Index	ASTM D2270	117
Copper Corrosion, 100 C, 3 hrs	ASTM D230	1a
Flash Point, C	ASTM D92	225
Pour Point, C	ASTM D97	-25
Total Base Number (TBN)	ASTM D2896	7.0

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.