

VELION SUPER 20W-50 M/G API SG

MUTLIGRADE PETROL ENGINE OIL FOR OLDER PASSENGER CARS

VELION SUPER SAE 20W-50 SG/CF4 is a high performance, multi-grade engine oil specially designed to lubricate a wide range of petrol and diesel engines requiring API SG & CF4 performance lubricants. Specially designed with additives to neutralizes harmful combustion by-products when engine burning relatively low-quality diesel with higher sulfur content. It is suitable for all late model petrol engine vehicles including those fitted with turbochargers. Also suitable for lightly diesel engines both naturally aspirated and turbo-charged. It meets the latest specifications of nearly all modern engine manufacturers and OEM's. This oil is especially recommended for mixed fleets (cars and trucks).

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 soot particles 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 prevent corrosion.

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 20W-50 API SG
BS-III & BS-IV norms.

Typical Physico-Chemical Data : Velion Super 20W-50 M/G API SG

Characteristics	Method	Value
SAE Grade		20W-50
Colour	Visual	Brown
Appearance	Visual	Clear
Density@ 29.5 C, g/cc	ASTM D4052	0.872
Kinematic Viscosity @40 C, cSt	ASTM D445	164
Kinematic Viscosity @100 C, cSt	ASTM D445	17
Viscosity Index	ASTM D2270	129
Copper Corrosion, 100 C, 3 hrs	ASTM D230	1a
Flash Point, C	ASTM D92	235
Pour Point, C	ASTM D97	-32
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.