

## VELION SAE 90W GEAR OIL API GL 5

### Heavy Duty Gear Oil for automotive manual transmission and gear box

VELION GEAR OIL SAE 90W is a high performance gear oil designed to provide effective lubrication in wide range of automotive and transmissions and axle drives where GL-5 performance is required. The advance formula with hi quality extreme pressure additive technology provides all-rounder protection of gears, its components against wear and scoring.

### Applications :

- API service GL-5 gear oil should be used only were recommended by OEM.
- VELION GEAR OIL SAE 90W is recommended for transaxles requiring GL-5 performance, cars, mini trucks, construction, mining and agriculture equipment's. It can be used in applications where spiral bevel gears operating under moderate to severe speeds and loads and axles with hypoid gears.

### Features :

- Excellent shear stability.
- Excellent seal compatibility minimize leakages.
- Better low temperature fluidity.
- Low foaming properties.
- Good thermal durability and extreme-pressure properties.
- Superior cleaning properties and potential for longer oil drain interval.

### Benefits :

- Improved drive train efficiency.
- Helps to extend gear box and axle life.
- Outstanding gear protection and synchromesh performance.
- Good Extreme Pressure and Antiwear properties protect against wear and scoring.
- Easy startup at low ambient temperatures.
- Ensure film strength for effective lubrication

### Recommended Use :

- Manual transmissions and transaxles requiring oilsmeeting API GL-5.
- On-road passenger cars, light and heavy-duty trucks, uses and vans.
- Off-highway equipment in construction, mining and agriculture.

### Performance Level / Specification :

Meets the performance bench marks of

- SAE EP-90W API GL5.
- BS-II & BS-III norms.

### Typical Physico-Chemical Data : VELION GEAR OIL SAE 90W

Characteristics	Method	Value
SAE Grade		90W
Colour	Visual	Bright
Appearance	Visual	Clear
Density@ 29.5 C, g/cc	ASTM D2298	0.893
Kinematic Viscosity @40 C, cSt	ASTM D445	198
Kinematic Viscosity @100 C, cSt	ASTM D445	16
Viscosity Index	ASTM D2270	95
Copper Corrosion, 100 C, 3 hrs	ASTM D230	1a
Flash Point, C	ASTM D92	210
Pour Point, C	ASTM D97	-18

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.