



SAE 80W90 API GL-5

Technical Data Sheet

PACKAGING:

1L, 4L, 20L, 60L, 208L



DESCRIPTION:

Volkio SAE 80W90 is a high-performance multigrade, high-pressure gear oil manufactured from high quality mineral base oils and multi-functional extreme pressure additives. It provides excellent low temperature fluidity for safe lubrication during very low temperature transmission and trans axle startup, and also maintains a thick protective oil film during extremely hot operating conditions.

BENEFITS:

- Excellent wet gear performance, shifting and anti-shudder durability.
- Excellent steel-on-steel frictional engagement with good torque transfer capability.
- Maximum equipment life that protects against wear, corrosion, and the formation of harmful deposits.
- Extended drain intervals due to improved oxidation resistance.
- Resistance to oxidation and oil thickening and are compatible to oil seals.

SPECIFICATIONS:

Volkio Gear Oil 80W90 API GL-5 meets or exceeds following International and Builder specifications
Gear lubes meets the performance requirement of API service GL-5 and U.S Military specification MIL-L-2105C.

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Kin. Viscosity @100°C	ASTM D 445	13.9 - 15.9 Cst
Viscosity Index	ASTM D 2270	100
Density @ 60/60F	ASTM D 1298	0.890
Pour Point	ASTM D 97	≤ -21°C
Flash Point	ASTM D 92	≥ 250°C
Antifoam	ASTM D 892	Pass

APPLICATION:

For use in applications requiring API GL-5 performance such as heavy-duty differentials, axles, and final drives where extreme pressures and shock loading are expected.