



Product Name: GITRÖL SAE 75W-80 GL-5

Application: Oil for manual transmissions and differentials

API Service: GL-5

Viscosity Grade: SAE 75W-80

Quality: Fully synthetic

Recommended for: All hypoid transmissions and is also suitable for spiral bevel gear, worm wheels and most transaxles.

Drain Interval: 100,000 kilometers (60,000 miles) or 3 years

Product Overview

GITRÖL SAE 75W-80 GL-5 is a high-performance, synthetic gear oil formulated to meet the rigorous demands of modern manual transmissions and gear systems, including hypoid gears. Its advanced additive technology and low-viscosity synthetic base oil provide outstanding anti-wear, anti-scuffing, and oxidation resistance, ensuring smooth and reliable performance in extreme operating conditions.

Designed for use in a variety of vehicles and equipment, GITRÖL SAE 75W-80 GL-5 offers superior low-temperature fluidity, extended oil life, and excellent compatibility with structural metals and seals, minimizing maintenance costs and maximizing operational efficiency.

Application

GITRÖL SAE 75W-80 GL-5 is recommended for:

- Manual transmissions, including synchronized systems.
- Transaxles and transfer cases.
- Hypoid gears and main gears in passenger cars, trucks, buses, and off-road equipment.
- High-speed, shock-load, and high-torque applications.

Complies with API GL-4/GL-5 standards and is suitable for use in vehicles and equipment produced by European, American, and Asian manufacturers.

Performance Benefits

- **Enhanced Fuel Economy:** Low-viscosity formula reduces friction and improves efficiency.
- **Superior Wear Protection:** Extends the life of gears and other components under heavy loads.
- **Outstanding Oxidation Resistance:** Enables extended oil change intervals and reduces maintenance costs.
- **Reliable Low-Temperature Performance:** Ensures smooth operation in ambient temperatures as low as -45°C.
- **Exceptional Compatibility:** Protects structural metals, alloys, and seals from corrosion and wear.

Meets and Approvals

Meets:

- GL-4, GL-5
- MIL L-2105 C/D

OEM Recommendations:





- Ford WSD-M2C200-C
- PSA B71 2330
- Mack GO-J Plus
- GB13895
- AIST 224
- David Brown S1.53.101
- AGMA 2005 -E02

Typical Properties

Property	Method	Unit	Typical Value
SAE Grade	SAE J306	-	75W-80
Density @ 15°C	ASTM D4052	g/ml	0.880
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	49.6
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	9.23
Viscosity Index	ASTM D2270	-	171
Pour Point	ASTM D6892	°C	-45
Flash Point	DIN ISO 2592	°C	210
Brookfield Viscosity @ -40°C	ASTM D2983	mPa·s	≤65,000

Storage and Handling

- Store in a cool, dry place away from direct sunlight and temperatures above 60°C.
- Ensure containers are sealed to prevent contamination.
- Avoid mixing with other oils to maintain full performance

