



Product Name: GITRÖL SAE 75W80 GL-4

Application: Oil for manual transmissions and differentials

API Service: GL-4

Viscosity Grade: SAE 75W80

Quality: Fully synthetic

Recommended for: BMW, Volvo, Toyota, Nissan, Mitsubishi, Peugeot, Honda vehicles, in which the required level of operating properties is GL-4 or lower

Drain Interval: up to 300,000 Km

Product Overview

GITRÖL SAE 75W80 GL-4 is a high-performance, fully synthetic gear oil developed to meet the demanding requirements of modern 5- and 6-speed manual transmissions, transfer cases, and main gears. Engineered with a premium synthetic base oil and an advanced additive package, it ensures superior lubrication, excellent fuel economy, and extended equipment life. Recommended for use in vehicles requiring API GL-4 or lower performance levels, including BMW, Volvo, Toyota, Nissan, Mitsubishi, Peugeot, and Honda.

Application

- Synchronized manual transmissions, including those with integrated differentials.
- Transfer cases and auxiliary transmissions operating under severe conditions.
- Gearboxes requiring extended drain intervals and compatibility with modern synchronizer materials

Performance Benefits

- **Enhanced Fuel Economy:** Superior low-viscosity formulation reduces drag and improves energy efficiency.
- **Smooth Gear Shifting:** Ensures seamless transmission operation, especially in cold conditions.
- **Excellent Low-Temperature Performance:** Maintains fluidity down to -42°C , ensuring reliable lubrication and easy shifting in extreme cold.
- **Anti-Wear Protection:** Protects gears against wear and scuffing under high pressure, extending equipment life.
- **Corrosion Resistance:** Prevents rust and corrosion, protecting metal surfaces for long-term reliability.
- **Thermal Stability:** High resistance to oxidation and thermal degradation extends oil change intervals and reduces maintenance costs.
- **Seal Compatibility:** Prevents swelling, shrinking, or hardening of seals, reducing the risk of leaks and failures.
- **Noise Reduction:** Minimizes transmission noise for a quieter driving experience.

Meets and Approvals

Meets:

- API GL-4, GL-3

OEM Approvals:





- ZF TE-ML 01E, 02E, 16P
- VOITH Class C
- Volvo 97307
- MAN 341 Type Z5, VR
- MB-Approval 235.29

Typical Properties

Property	Unit	Method	Typical Value
Density @ 15°C	g/cm ³	DIN 51757	0.860
Kinematic Viscosity @ 40°C	mm ² /s	ASTM D445	55.8
Kinematic Viscosity @ 100°C	mm ² /s	ASTM D445	9.5
Viscosity Index	-	ASTM D2270	154
Pour Point	°C	DIN ISO 3016	-42
Flash Point	°C	DIN ISO 2592	240
Brookfield Viscosity @ -40°C	mPa.s	ASTM D2983-09	≤150,000
Color (ASTM)	-	DIN ISO 2049	L 1.5

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

