



Product Name: GITRÖL SAE 30 GL-4

Application: Oil for manual transmissions and differentials

API Service: GL-4

Viscosity Grade: SAE 30

Quality: Mineral

Recommended for: European, American and Asian off-road (construction, quarry, mining, agricultural) and special equipment (tractors, loaders, bulldozers, excavators, etc.)

Drain Interval: 500-1,000 operational hours

Product Overview

GITRÖL SAE 30 GL-4 is a high-performance, multipurpose oil formulated with outstanding wear protection technology. Its advanced formulation ensures excellent thermal stability, reducing aging and sludge formation even at elevated temperatures. This enhances transmission and hydraulic system reliability while providing extended oil change intervals. The specifically developed additive package ensures longer service life for wet clutches and safe operation of wet brakes under both low and high load conditions.

Application

GITRÖL SAE 30 GL-4 is recommended for:

- Hydraulic systems, transmissions, and gearboxes (including power shift transmissions).
- Onboard gearboxes of off-road equipment with or without low-load brakes (clutches).
- Power shift transmissions, transfer cases, and final drives in construction, quarry, mining, and agricultural machinery.
- Equipment from leading manufacturers such as Caterpillar, Komatsu, and Allison

Performance Benefits

- Exceptional wear protection to extend equipment life.
- Superior thermal stability for extended oil change intervals.
- Outstanding oxidation resistance to reduce sludge and varnish formation.
- Excellent low-temperature performance for reliable start-up.
- Optimal seal compatibility to prevent leaks and minimize maintenance.
- High shear stability ensures consistent performance under extreme conditions.
- Reduces noise and vibration during operation.

Meets and Approvals

Meets:

- API GL-4
- API CF

OEM Approvals :

- Caterpillar TO-4
- Allison C-4
- Komatsu KES 07.868.1





- ZF TE-ML 03C, ZF TE-ML 07F
- Allison TES 439

Typical Properties

Property	Method	Unit	Typical Value
SAE Class (Gear Oils)	SAE J306	-	SAE 30
Density @ 15°C	DIN 51757	g/cm ³	0.875
Viscosity @ 40°C	ASTM D445	mm ² /s	100
Viscosity @ 100°C	ASTM D445	mm ² /s	12
Viscosity Index	DIN ISO 2909	-	110
Pour Point	DIN ISO 3016	°C	-27
Flash Point	DIN ISO 2592	°C	446
Total Base Number (TBN)	DIN ISO 3771	mg KOH/g	11.4
Sulfate Ash	DIN 51575	g/100g	1.6
Color (ASTM)	DIN ISO 2049	-	L4.0

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

