



Finnexx Marcelo Oils

Autogear GL4

PRODUCT DESCRIPTION

Finnexx Marcelo Autogear GL4 is a range of automotive gear lubricants suitable for API GL-4 applications. They are formulated with mineral base oils and a high performance mild-EP additive system. Finnexx Marcelo Autogear GL4 is available in the viscosity grades SAE 90 and SAE 140.

CUSTOMER BENEFITS

- Excellent shear stability, ensuring that the viscosity is retained throughout the fluid lifetime
- Excellent EP protection, protecting components against scuffing and wear
- Mild-EP additive is non-corrosive towards sensitive copper alloy components
- Excellent rust protection
- Good oxidation stability prevents oil from thickening during service, and keeps gear cases and bearings clean and free from harmful deposits
- Compatible with a wide variety of elastomer materials, preventing loss of fluid due to seal deterioration
- Good resistance to foaming

APPLICATIONS

Finnexx Marcelo Autogear GL4 is designed for use in automotive transmissions, transaxles, steering systems and hypoid drive axles which require a fluid with API GL-4 performance (equivalent to US Military specification MIL-L-2105). The friction characteristics of the Finnexx Marcelo Autogear GL4 range make them suitable for use in synchronized manual transmissions.

It is suitable for tractor and agricultural gear sets, and oil-lubricated track rollers of crawler tractors.

It may also be used in industrial applications for which API GL-4 lubricants are suitable.

APPROVALS AND PERFORMANCE

API	GL-4	Meets requirements
US Military	MIL-L-2105	Meets requirements



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TYPICAL TEST DATA

Characteristic		Test methods	SAE 90	SAE 140
Viscosity, Kinematic, 100°C	mm ² /s	ASTM D445	17.5	26.0
Viscosity, Kinematic, 40°C	mm ² /s	ASTM D445	190	359
Viscosity Index		ASTM D2270	99	96
Shear Stability 20 hr Vis Kin 100°C after shearing	mm ² /s	CEC L45A99	17.4	25.9
Pour Point	°C	ASTM D97	-21	-15
Rusting test, Procedure A		ASTM D665A	Pass	Pass
Copper Corrosion, 3 hr, 121°C		ASTM D130	1b	1b
Timken OK load	kg	ASTM D2782	24	24
Foam All Seq	ml	ASTM D892	0	0

Health & Safety Note – Always maintain good levels of personal hygiene when handling mineral oils. Wear protective clothing/gloves. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information