

Andritz Gear Oil S629

Product Description:

Andritz Gear Oil S629 is an ultra-high performance fully synthetic industrial gear oil suitable for wind-turbines, heavy loaded closed gear boxes and circulation systems operating under extreme conditions and high temperatures.

Andritz Gear Oil S629 is formulated with special selected Poly Alpha Olefine (PAO) and Ester base stocks in combination with an unique EP-additive technology to achieve the following performance.

- Outstanding load carrying capability.
- Excellent low temperature properties.
- Effective lubrication over a wide temperature range.
- Superior thermo- and oxidation stability.
- Long service intervals.
- Excellent protection against rust, wear and foaming.
- Very high demulsibility.
- Excellent corrosion and micro pitting protection (both 90°C and 60°C tests of Winergy and Vestas).

Andritz Gear Oil S629 exceeds the following performance criteria:

DIN 51517-3 CLP
Cincinnati Milacron P-74
AIST 224 (US Steel 224)

ISO 12925-1 CKD
David Brown S1.53.106

AGMA 9005-F16 Antiscuff
SIEMENS MD (Flender)



Property	Unit	Test Method	Typical Value
ISO VG Grade		ISO 3448	150
Density@15°C	kg/m ³	ASTM D4052	853.1
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	149.6
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	22.3
Viscosity Index		ASTM D2270	177
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-51
FZG Fail Load Stage, min		DIN 51354-2	12
Demulsibility @82°C	Min	ASTM D1401	10

Product Nr:

Date Issued: 7-1-2025

Date Superseded: 18-12-2019

Revision nr: 02