

## 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	ISO 12925-1 CKD	AGMA 9005-F16 Antiscuff
Cincinnati Milacron P-74	David Brown S1.53.106	SIEMENS MD (Flender)
AIST 224 (US Steel 224)		

Property	Unit	Test Method	Typical Value
ISO VG Grade		ISO 3448	150
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	853.1
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	149.6
Kin. Viscosity @100°C	mm <sup>2</sup> /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**Date Superseded:** 18-12-2019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