



# Better engine oils

Power to protect. Power to perform.



## TOP EP LUBRICANT SY 100

**PRODUCT CODE: TO2809**

**TOP EP LUBRICANT SY 100** 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. Formulated special selected PAO (PolyAlphaOlefins) and ester base stocks in combination with a unique performance additive technology to achieve the following performance.

### BENEFITS:

- 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 micropitting protection (both 90°C and 60°C tests of Winergy and Vestas)

Exceeds the following performance requirements:

- DIN 51517, part 3
- AGMA 9005-E02
- ISO 12925-1 AIST 224
- David Brown S1.53.101 E Flende

### TYPICAL ANALYSIS:

Properties	Unit	Method	Typical Value
ISO VG Grade		ISO 3448	100
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	852
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	98
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	13,4
Viscosity Index		ASTM D2270	149
Flash Point COC, min	°C	ASTM D92	>220
Pour Point	°C	ASTM D7346	-45
FZG Fail Load Stage, min		DIN 51354-2	>12
Total Acid Number	mgKOH/g	ASTM D664	<0.5

Northwest Business Park Collooney, Co Sligo, Ireland  
Tel: 071-9130033 Email: Info@Falzol.ie

