

# Industrial Synthetic Gear Oil



## DEX OIL DP2 ISO VG100

**Dex Oil DP2 ISO VG100** 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.

**Dex Oil DP2 ISO VG100** is a specially formulated blend of base oils combined with a unique nanotechnological enrichment process designed to improve performance in the following ways.

- 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

### DEX OIL DP2 ISO VG100 EXCEEDS THE FOLLOWING PERFORMANCE CRITERIA:

**DIN 51517, part 3**  
**AIST 224**

**AGMA 9005-EO2**  
**David Brown S1.53.101 E**

**ISO 12925-1**  
**Flender**

#### 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		ASTM D5182	>14
Total Acid Number	mgKOH/g	ASTM D664	<0.5

