

## INDAGEAR SYN P Series

### Description

Synthetic Poly Alpha Olephin based industrial gear lubricants designed to offer excellent lubrication performance in gears and circulation systems, operating over wide temperature ranges and under severe conditions. Long drain intervals.

### Application

INDAGEAR SYN P series is designed for use in industrial and marine enclosed gears and circulation systems, operating over wide temperature ranges and under severe conditions. It is recommended for wind turbine gear systems.

### Operation Characteristics

- Excellent wear protection.
- Excellent oxidative stability.
- Extended service intervals.
- Excellent water separation.
- Prevent rust and corrosion.
- Resistance to micropitting.
- High shear stability
- Excellent low temperature properties.

### Specifications, Approvals, Recommendations

DIN 51517 T 3US STEEL 224, FLENDER AG, ISO 12925-1 Type CKD, AGMA 250.4 Turbine Gear Boxes: Gamesa, Dong Fang, Dalian & Sinovel.

### Typical Physical Characteristics

	ASTM	68	150	220	320	460
SPECIFIC GRAVITY (kg/lit)	D 1298	0,825	0,833	0,847	0,855	0,868
VISCOSITY AT 40°C (cSt)	D 445	68	159	220	320	460
VISCOSITY AT 100°C (cSt)	D 445	12	24,1	29,7	41,6	53,6
VISCOSITY INDEX	D 2270	175	184	175	183	185
COPPER CORROSION	D130	1B	1B	1B	1B	1B
FLASH POINT (°C ) min.	D 92	235	250	270	275	285
POUR POINT (°C)	D 97	-45	-42	-39	-39	-36
FZG gear scuffing test, A/8.3/90	ISO14365-1	12	12	13	13+	13+
FAG FE8 Bearing Wear Test 7.5/80-80	DIN 51819-3	2	2	2	2	2
TOST	D 943	10000+	10000+	10000+	10000+	10000+

*These are typical values. Small variation should be expected for future productions / blendings*

### Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.