

IGO SXP SERIES

Synthetic Oils for Industrial Gearboxes

IGO SXP series are very high performance 100% synthetic oils designed for use in circulation and splash systems of industrial closed gearboxes and drives. They are made of PAO base oils and specially blended to resist oxidation and chemical degradation.

IGO SXP lubricants are recommended for heavy duty spur, helical and bevel gears working at temperature above 100 °C (212 °F). They can also lubricate journal and roller bearings under high load and temperature.

Benefits

- Large application spectrum reducing the risk of error and allowing the optimization of inventories
- Very good anti rust, anti corrosion and anti oxidation properties
- Very good anti foam and anti emulsion properties
- Very high load carrying capacity and protection of teeth against wear
- Outstanding extreme pressure performance

Applications

- All closed gearboxes and drives in cement, mining and industrial applications (conveyors, mills, crushers, agitators, blowers, etc.)
- Marine equipments (drives, separators, deck machinery, etc.)
- Couplings, worm screw and bevel gears, high load low speed journal and roller bearings

Specifications

IGO SXP SERIES								
Meets or exceeds the following industry specifications	68	100	150	220	320	460	680	
AIST 224 (ex US STEEL 224)	✓	✓	✓	✓	✓	✓	✓	✓
ANSI/AGMA 9005-E02 (ex 9005-D94)	✓	✓	✓	✓	✓	✓	✓	✓
Textron David Brown S1.53 101	✓	✓	✓	✓	✓	✓	✓	✓
DIN 51517 Part 3 : 2004-1 Category CLP	✓	✓	✓	✓	✓	✓	✓	✓
ISO 12925-1 : 1996 Category CKD	✓	✓	✓	✓	✓	✓	✓	✓
Cincinnati Lamb P - series	✓	✓	✓	✓	✓	✓	✓	✓
Typical properties								
Test parameters	Method							
Viscosity @ 40 °C, cSt	ASTM D 445	68	100	150	220	320	460	680
Viscosity @ 100 °C, cSt	ASTM D 445	10.5	14.0	18.8	25.0	36.0	30.3	40.7
Viscosity Index	ASTM D 2270	> 135	> 135	> 135	> 135	> 135	> 135	> 135
Flash Point, °C	ASTM D 92	>230	>230	>230	>230	>230	>230	>230
Pour Point, °C	ASTM D 97	- 12	- 12	- 12	- 12	- 12	- 12	- 12
Density @ 15°C, Kg/l	ASTM D 4052	855	856	857	859	862	864	865

Above characteristics are mean values given as information. They do not constitute a specification.

Health and safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor.

When disposing of used oil, please observe all current regulations and protect the environment.