



Product Information: Indisyn Mild Fluids

Description

Indisyn Mild Fluids are a range of synthetic multifunctional fluids that have been specially formulated for the lubrication of gears, bearings and air compressors operating under demanding conditions. The formula utilises high quality Polyalphaolefin (PAO) base fluids, chosen for their excellent low temperature performance.

The fluids display exceptional thermal and oxidation stability, superior wear protection and excellent resistance to rust and corrosion. The inherent high viscosity index of these fluids provides high levels of component protection for equipment operating over a wide temperature range during extended service intervals.

Applications

Indisyn Mild Fluids are suitable for use in a wide range of gear, bearing and compressor applications, particularly where low start-up temperatures are encountered or high operating temperatures prevail. The fluids are suitable for many gear applications such as worm gears and helical gear boxes.

Performance Features

- Control over carbon deposit formations
- High oxidation stability
- Excellent thermal stability
- Exceptional wear protection
- Outstanding resistance to rust and corrosion
- Wide operating temperature range
- Broad range of application

Performance Levels

FZG Load Stage >12

Typical Data

Characteristic	Unit	32	46	68	150	220	460
Density @ 15.6°C	kg/l	0.839	0.842	0.845	0.851	0.853	0.857
Kinematic Viscosity @ 40°C	cSt	33	47	68	148	219	452
Kinematic Viscosity @ 100°C	cSt	6.2	8.3	11.1	20.3	27.4	46.9
Viscosity Index		142	151	155	159	160	162
Flashpoint (Closed)	°C	237	254	235	237	243	266
Pour Point	°C	-60	-60	-54	-45	-42	-39

Figures based on average production values