

Product Information: Indisyn PG 460

Description

Indisyn PG 460 is a highly advanced synthetic industrial gear oil formulated utilising specially selected polyalkylene glycol base fluids and tailored additive systems. The product offers outstanding lubrication performance under severe operating conditions, including improved energy efficiency, long service life and high resistance to micro-pitting. Outstanding oxidation and thermal stability can be expected, extending lubricant life and resisting the formation of harmful oxidation products at elevated operating temperatures, maintaining system cleanliness over extended maintenance intervals. The product exhibits excellent wear protection, providing long component life even when under shock loading conditions.

Applications

Indisyn PG 460 is recommended for industrial gear systems operating under severe conditions, such as high load, very low or elevated temperatures and wide temperature variations. The product may also be used for the lubrication of bearings and other components in circulating and splash lubricated systems or where the original equipment manufacturer recommends a lubricant of this type, quality and viscosity.

Performance Features

- Long service life
- Excellent wear protection
- Wide temperature range
- Outstanding low temperature properties
- High resistance to micro-pitting
- Maintains system cleanliness
- High load carrying capabilities
- High resistance to oxidation

Performance Levels

DIN 51517-3 (CLP)

Lubricants based on polyalkylene glycol may affect certain gear case paints and shrink certain seals, therefore care should be taken to ensure compatibility. High quality epoxy paints are recommended, NBR seal materials are satisfactory, although NKR seal materials are preferred.

Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	1.072	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	460	ASTM D445
Kinematic Viscosity @ 100°C	cSt	73.2	ASTM D445
Viscosity Index		239	ASTM D2270
Flashpoint (Open)	°C	268	ASTM D92
Pour Point	°C	-36	ASTM D97

Figures based on average production values