

EP Gear Lubricant F / Industrial Gear Oil F

It is a closed system gear oil which is resistant to high pressures produced by the addition of package additive which gives special Flender approval performance to paraffinic base oils and prevents scratches and tooth breakage in overloads.

Usage

Can be used in all closed system gear boxes. In the industrial system closed-system gears with high and impact loads, especially in the iron and steel sectors, especially rolling, calendering, crane, conveyor, machine tools, reducers, flexible concepts, elevators, flat and roller bearings and similar high- used.

Features

High Pressure Feature: Prevents scratching, tearing (micropitting) and tooth breakage on the gear surfaces thanks to specially developed additives. In the FZG spur gear test, min 12 and min 70 lb. Timken meets the load value.

Wide Application Area: They can be used in all kinds of gear systems thanks to their wide viscosity range. Reduces oil variability by providing a wide application area. Thermal Stability: It has thermal stability at high temperatures.

Low maintenance cost: Protects the gear system for a long time as it provides high oil film resistance. Reduce wear on first work. It prevents scratching, tearing (micropitting) and tooth breakage on the threaded surfaces. Reduces maintenance costs and improves operating efficiency.

High Demolition Feature: It is resistant to emulsion formation. Protect the lubrication feature by throwing water in the area in a short time. Effective lubrication continues even in contact with water.

Oxidation Resistance and Foam Control: Oxidation resistance prevents formation of deposits and viscosity thickening caused by oxidation. Quickly blow out the surrounding air to prevent foaming.

Technical Specifications

ISO Class	-	68	100	150	220	320	460	680
*Kinematic Viscosity @40˚C, cSt	ASTM D 445	68	100	150	220	320	460	680
*Viscosity Index	ASTM D 2270	96	96	95	95	95	88	87
*Flash Point, ˚C	ASTM D 92	238	240	242	248	252	258	262
*Pour Point, °C	ASTM D 97	-27	-24	-24	-18	-12	-9	-9
FZG Load Carrying, min.	ISO 14635-1	12	12	12	12	12	12	12

**Data given above are typical properties and may vary slightly.*

Performance

SIEMENS/FLENDER AS 7300 REV.16 DIN 51517 PART III CLP SEB 181-226 US STEEL NO.224 AIS 224
CINCINNATI MILACRON P63/P74/P35 DAVID BROWN S1.53.101 (E) AGMA 9005-E02 AGMA 9005-F16 ZF TE-ML 04F

Revision Number

01.10.2023 / REV04