

SYN-EP Gear Lubricant FS / Synthetic Industrial Gear Oil

It is fully synthetic closed system gear oil which is resistant to high pressures produced by the addition of package additive which gives special Flender approval performance to PAO structure synthetic 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, exceeding 14 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
*Flash Point, °C	ASTM D 92	250	256	260	264	270	272	274
*Pour Point, °C	ASTM D 97	-48	-48	-45	-42	-39	-39	-36
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 ISO-L-CKD (ISO 12925-1) DIN 51517 PART III CLP SEB 181-226 US STEEL NO.224 AIST 224 CINCINNATI MILACRON P63/P74/P35 DAVID BROWN S1.53.101 (E) AGMA 9005-E02 AGMA 9005-F16 ZF TE-ML 04F

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