TRANSGEAR EXTRA PAO

General characteristic

Gear oils are manufactured on the basis of modern synthetic metallocene polyalphaolefins (mPAO) and ash-free performance additives ensuring an unique thermal stability of the oil that delay ageing processes and ability to transfer very high loads in a wide range of temperature. The product is characterized by excellent protection against micropitting, high viscosity level and compatibility with gear seals and coatings. In addition, TRANSGEAR EXTRA PAO has very good antioxidant, anti-corrosive, demulsifying and anti-foaming properties in connection with excellent viscosity characteristics.

The TRANSGEAR EXTRA PAO oil technology ensures:

- excellent protection against wear and micropitting;
- high oxidation stability;
- high viscosity index;
- very good anti-foam properties;
- very good demulsifying properties;
- compatibility with elastomer seals, gear coatings, liquid seals;
- miscibility with other PAO oils.

Application

They can be used in the lubrication of calenders, various types of gears, bearings operating in extreme conditions of thermal and mechanical loads. In closed industrial gears, the oil properties ensure a very long operating time, even during the entire lifetime “Fill for Life”.

Quality class

DIN 51517-3 CLP
ISO 12925-1 CKD/CKSMP
GB 5903-211 CKD
AGMA 9005 F16 AS

Approval

Flender gear units

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Physical and chemical parameters

Parameters	Unit	Typical values			
		150	**220**	**320**	**460**
Density at 15°C	kg/m³	856,2	858,0	860,0	862,2
Kinematic viscosity at 40°C	mm²/s	150	220	320	460
Viscosity index		177	182	186	193
Pour point	°C	-57	-54	-48	-51
Flash point	°C	245	245	251	245
Corrosion on Cu plate 100°C/3h	-	1			
FZG	-	>14			
The above figures are typical of those obtained with normal production batch, they are not a technical specification, due to continuous development of the product, they may change.					

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