



TRANSGEAR PAO

General characteristic

TRANSGEAR PAO industrial gear synthetic oils are manufactured basing on poly-alpha-olefines (PAO) and esters as well as specially selected enriching additives. They were developed especially to work with very high loads and high temperature.

It is featured by:

- ability to transfer extremely high loads and perfect protection of gear elements from micropitting;
- high resistance to aging and high anticorrosive protection;
- perfect ability to be filtered and wide range of operation temperatures;
- extended interchange period.

Application

Synthetic oils for industrial gears based on polyalphaolefins (PAO) and esters. Products designed for various types of highly stressed gears in industrial machinery and equipment exposed to micropitting, operating at temperatures up to 180°C.

Quality class

DIN 51517-3 CLP

ISO 6743-6 CKD/CKS/CKT

ISO 12925-1 CKD/CKS/CKT

AGMA 9005-EO2

U.S. Steel 224

Meets requirements

David Brown Typ E

Physical and chemical parameters

Parameters	Unit	Typical values			
		150	220	320	460
Density at 15°C	kg/m ³	852,9	860,3	858,0	863,3
Kinematic viscosity at 40°C	mm ² /s	140,4	206,5	326,0	439,0
Viscosity index		168	163	176	162
Pour point	°C	-51	-39	-45	-39
Flash point	°C	258	236	274	260
Corrosion on Cu plate 100°C/3h	-	1			
FZG	-	>12			

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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