



TRANSGEAR PE 320

Quality class: ISO 12925-1 CKD/CKS/CKT
Viscosity grad: ISO VG: 320

GENERAL FEATURES:

Transgear PE 320 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:

Transgear PE 320 oils are intended to lubricate any kind of heavy-duty toothed gears of industrial machines and devices endangered by micropitting, working in the temperatures up to 180oC including: spur cylindrical gears, helical bevel gears, spiral bevel gears and worm gears exposed to heavy thermal loads as well as rolling bearings and sliding bearings.

Due to unique lubricating and antioxidative properties they are also recommended for lubricating turbine gears working in heavy conditions.

STANDARDS, APPROVALS. SPECIFICATION:

Approvals:

SIEMENS MD – Flender v.13

Grupa FAMUR

BECKER WARKOP

EICHOFF

BUMECH

RYFAMA

GLIMAG

Meet requirements:

US Steel 224

AGMA 9005-EO2 (EP)

David Brown S1.53.101 type E

DIN 51517 part 3 – CLP

Cincinnati Machine P-74



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 100 °C	mm ² /s	34,5
Kinematic viscosity at 40°C	mm ² /s	325
Viscosity index	-	160
Flow temperature	°C	-42
Ignition temperature	°C	250
Corrosiveness to copper 3 h/100°C, corrosion rate,	reference sample	1b

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

