

## TRANSGEAR PAG 220

**Quality class:** DIN 51517 part 3 - CLP  
ISO 12925-1 CKD/CKS/CKT  
**Viscosity grad:** ISO VG: 220

### GENERAL FEATURES:

Transgear PAG 220 synthetic oils for industrial gears are based on polyalkylene glycol. They have been developed to handle extremely large loads and high temperatures.

They are characterised by:

- capacity to bear extremely large loads
- good ageing resistance
- excellent corrosion resistance (ASTM D665 procedure B – maintained)
- very good de-emulsifying characteristics
- compatibility with commonly used sealing types
- they do not contain chlorine, sulphur and lead compounds.

Transgear PAG 220 oils are not compatible with mineral oils.

### APPLICATION:

Transgear PAG 220 oils are intended for lubricating various machines and mechanisms operating in temperatures above 200°C, including:

- heavily loaded gears in industrial machines, e.g. straight cylindrical gears, skew and spiral bevel gears and worm gears that are subject to high thermal loads
- rolling and slide bearings
- piston compressors



## Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	237
Viscosity index	-	177
Flow temperature	°C	-30
Ignition temperature	°C	231
Corrosiveness to copper 3 h/100°C, corrosion rate,	reference sample	1a
Air release at 90°C	min.	17

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

