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...the future has a name



## Technical Information

## LUBRICANT CONSULT GMBH

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### TURMOGEOIL PE 320

Issued: 22.11.2004

### LUBCON - Synthetic High-Temperature Oil

#### Product description

**TURMOGEOIL PE 320** is a multiple alloyed synthetic oil with very good protection against wear and corrosion. At high temperature, this special oil has insignificant vapour loss.

#### Application

**TURMOGEOIL PE 320** is very suitable for the lubrication of paper and plastic calenders as well as hot gears, roller bearings, slideways and chains in fixing machines and dryers.

#### Product Feature

Protection against wear. Damps noises and avoids smoke formation. Increases efficiency of gears. Prevention of sludge formation in the gear owing to quick separation of oil and water.

#### Technical Data

#### TURMOGEOIL PE 320

Colour	light coloured / transparent
Density at 20°C	0,94 g/cm <sup>3</sup>
Temperature range	-20°C up to 180°C
Temperature range in a closed system	up to 220°C
Viscosity DIN EN ISO 3104	
at 40°C	320 mm <sup>2</sup> /s
at 100°C	25,6 mm <sup>2</sup> /s
Pourpoint DIN ISO 3016	- 25°C
Flash Point DIN ISO 2592	approx. 260°C
FZG- Scuffing load stage A/8,3/90 DIN 51354	> 12
Air release properties at 50°C DIN 51381	23 min
Demulsifying capability DIN ISO 6614	40-36-4 (60)
Content sulphate ash DIN 51575	0,06 weight%
Four ball test value ( VKA ) DIN 51350	3000 N / 3200 N

#### Attention

The following seal materials can be recommended:

Fluoro-elastomere, fluorosilicone, nitrile caoutchouc (>30% acrylic nitrile), polyurethane, silicone-caoutchouc.

#### Original Packing

1 x 20 l, 6 x 5 l cans, 60 l or 200 l drums

The products are subject to severe controls of manufacture and comply in full with the specifications set forth by our company. Due to the multitude of different influencing factors, we cannot assume any warranty for the successful in each case. Therefore, we recommend to perform field tests. We strictly refuse any liability.