

# STRUB Vulcomp PAG Special Synt 220

Synthetic special compressor and gear oil

Art.-No. 33196

## Description

STRUB Vulcomp PAG Special Synt 220 is based on PAG's which are poorly soluble in hydrocarbons such as isobuetylene or phenols.

## Application

Suitable for screw and piston compressors, gearboxes, textile lubricants, chain and conveyor belts and furnace bearings. Suitable for compressors compressing the following gases: Butene (LPG's), Aethylene, Propylene, Buthylene, Butadiene, Propane, Vinyl chloride, Ammonia, Intergas (dry), Methane, Ethane.

The product is not miscible with mineral oil, esters or PAO's. Have miscibility under PAG's tested beforehand. Systems should have been cleaned clean or flushed well before filling. Elastomers such as NBR, fluorosilicones or vinyl-methyl polysiloxanes are recommended at elevated operating temperatures.

## Features and advantages

- excellent thermal stability
- low pour point
- very good and safe anti-wear properties
- good rust protection
- not residue forming
- very resistant to aging with extended replacement intervals
- fast air release properties

## Specifications

DIN 51506 VDL, VCL, VC, VBL, VB

## Technical data

<b>ISO</b>			<b>220</b>
Density at 20°C	DIN 51757	g/ml	1,053
Viscosity at 40°C	DIN 51562	mm <sup>2</sup> /s	227
Viscosity at 100°C	DIN 51562	mm <sup>2</sup> /s	47
Viscosity index	ASTM D 2270		242
Flashpoint COC	DIN ISO 2592	°C	284
Pourpoint	DIN ISO	°C	- 42
TAN, mgKOHg <sup>-1</sup>	3016		max. 0,3

The information in this technical data sheet is based on general knowledge and application possibilities. STRUB + Co. AG is not liable for damage resulting from improper use of the products. The industry-standard measurement and production tolerances apply to the specified characteristic. Generally, no legal binding can be derived from these data. Our products are subject to continuous further development. Therefore, STRUB + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

TEST Attribute		Result
FZG load stage	A/8.3/90	>12
	A/16.6/90	>12
	A/16.6/140	12
FZG micropitting at 90°C	Load stage	10
	Endurance	10
FZG micropitting at 60°C	Load stage	10
	Endurance	10
Loctite sealant test		Pass
Paint compatibility	P22-8050 Anthrazitbraun	Pass

Seal test	Static	FKM 585	Hardness	+1
			Swell	+ 0,5
		NBR 902	Hardness	+ 2
			Swell	- 0.3
	Dynamic 1000 hr	FKM 585	Leakage	Nil
			Load change	- 11.4
		NBR 902	Leakage	Nil
			Load change	-17.1

### Transport

ADR/SDR

No dangerous goods

### Disposal

LVA VeVA / EAK:

13 02 06

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