



SYNPRESS KOMPRESSORENOELE

ISO 32, 46, 68

Fully synthetic compressor oils

Description

SYNPRESS KOMPRESSORENOELE 32, 46 and 68 are fully synthetic compressor oils that comply with ISO viscosity classes 32, 46 and 68. Innovative high-performance additives give these formulations excellent thermal stability and prevent oxidation even at high temperatures. Condensed water, which is always produced when air is compressed, is not emulsified with SYNPRESS but instead is separated efficiently and discharged.

Advantages

- Fully synthetic
- Optimum temperature viscosity curve
- Exceptionally good ageing resistance and excellent oxidation stability
- Low volatility loss (NOACK)
- Highly effective wear protection and first-class corrosion protection
- Optimum demulsifying performance, condensed water is immediately separated efficiently
- Rapid and reliable separation of air
- Extended oil change intervals
- Good compatibility with all seals and elastomers

Field of application

SYNPRESS 32, 46 and 68 oils meet all the demands for modern rotary screw-type and other compressors used for tough applications including industry, excavation of galleries, mining and the production of artificial snow.

Specifications

DIN 51506: VDL
 ISO DP 6521 (Entwurf): L-DAB / L-DAH / L-DAG
 DIN 51524: HLP, (HVLP)

Technical data

Properties	Unit	Test according to	Values		
Viscosity class	ISO VG	ISO 3448	32	46	68
Density at 20 °C	g/ml	ASTM D 4052	0.835	0.839	0.842
Viscosity at 40 °C	mm ² /s	DIN 51562-1	33.5	45.6	68.9
Viscosity at 100 °C	mm ² /s	DIN 51562-1	6.3	7.9	10.7
Viscosity index		DIN ISO 2909	143	146	144
Pourpoint	°C	ASTM D 5950	<-60	<-60	<-60
Flash point	°C	DIN EN ISO 2592	>240	>250	>250
Neutralisation number	mg KOH/g	DIN 51558/Part1	0.1	0.1	0.1
Demulsifying capability	min	DIN 51599	10	10	15
Air separation capacity	min	DIN 51381	1	2	5
Sulphate residue content	% by weight	DIN 51575	< 0.01	< 0.01	< 0.01
Coke residue as per Conradson	% by weight	DIN 51352/Part 1	0.02	0.02	0.02
Coke residue as per Conradson	% by weight	DIN 51352/Part 2	0.4	0.4	0.4

Water hazard class: WGK 2
 Disposal code: EWC 130 206

The above information is subject to change without prior notice, although it is in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available for the product described.



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