



STRUB Vulcomp BIO

Fully synthetic compressor oils
 based on renewable raw materials

Description

STRUB Vulcomp BIO are fully synthetic, environmentally friendly compressor oils based on synthetic saturated, easily biodegradable esters and a high-performance additive combination.

Application

STRUB Vulcomp BIO are rapidly biodegradable products and are primarily recommended for use in screw compressors operating in environmentally sensitive areas. STRUB Vulcomp BIO is suitable for highly loaded screw compressors especially for critical operating conditions and compression end temperatures of up to 110°C.

The lubrication instructions of the compressor manufacturers must be observed.

Features and advantages

- quickly biodegradable
- low evaporation losses
- safe wear protection at all operating conditions
- good air separation capacity
- compression end temperatures up to 110°C
- excellent oxidation stability, long-term aging resistance

Specifications

DIN 51506 VDL, VCL, VBL
 ISO 15380 HEES

Technical data

ISO-VG Art. No.			46 32583	68 32600	100 30427	150 30553
Density at 20°C	g/cm ³	DIN 51757	0.933	0.940	0.937	0.945
Viscosity at 40°C	mm ² /s	ASTM D445	46	68	100	150
Viscosity at 100°C	mm ² /s	D445	8.7	11.1	11.1	13.8
Viscosity index		DIN ISO 2909	171	155	95	84
Pour point	°C	DIN ISO 3016	-45	-42	-34	-30
Flash point	°C	DIN ISO 2592	240	240	240	240
Neutralization number	mg KOH/g	DIN 51558-1	< 0.4	< 0.4	-	-
Copper corrosion		ASTM D130	1A	1A	1A	1A
Corrosion test /steel (A /B)		ASTM D665	pass	pass	pass	pass
Air separation efficiency at 50°C	min	ASTM D 3427	< 5	< 10	< 10	< 10

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 02 07

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