



STRUB Vulcolube Clean HLP-D

VG 10, VG 22, VG 32, VG 46, VG 68



Description

STRUB Vulcolube Clean HLP-D is a range of highly filtered oils for hydraulic systems suitable for use in aero technology and other high performance servo hydraulics.

Applications

In metal working machinery these high performance qualities are particularly suitable for the lubrication of high speed spindle bearings.

To be filled directly into central lubricating systems.

Close plastic container tightly after use.

Take care not to contaminate the central lubricating system during filling.

Features and Benefits

- ✓ Special high quality lubricating oil with dispersant and detergent abilities
- ✓ Water load capacity up to 5%
- ✓ Cleanliness class according to ISO 4406: 15/13/10, NAS 1638 (National Aerospace Standard): 4
- ✓ Outstanding corrosion and wear protection
- ✓ No foam tendency
- ✓ Very good viscosity temperature properties
- ✓ Excellent oxidation stability, EP-extreme pressure characteristics and low pour point.

Specifications

Hydraulic oil HLP-D
Hydraulic oil HLP DIN 51524 part 2 (except water separation)

Technical Data

ISO-Class		10	22	32	46	68
Art. Nr.		32505	32257	31700	31210	30761
Density at 15°C		0.834	0.862	0.870	0.876	0.880
Viscosity at 40°C	mm ² /s	10	22	32	46	68
Viscosity at 50°C	mm ² /s	7.5	15	21	30	43
Viscosity at 100°C	mm ² /s	2.7	4.3	5.4	6.7	8.8
Viscosity at 0°C	mm ² /s	49.4	170	325	510	950
Viscosity at 20°C	mm ² /s	19.8	52	85	126	205
Visc. Index		110	105	102	105	105
Flash point	°C	172	185	205	230	240
Pourpoint	°C	-36	- 33	- 33	- 33	- 30

Transport

ADR/SDR: No dangerous goods

Disposal

LVA VeVA / EAK: 13 01 13

The information contained in this technical data sheet are based on the 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 characteristics. Generally, no legally binding can be derived from this data. Our products are constantly further developed. Therefore Strub + Co. AG reserves the right to change all technical data in this data sheet at any time and without prior notice.

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