

STRUB Vulcolube Clean HLP-D

Ultra-fine filtered hydraulic oils according to ISO 4406
Purity class 15/13/10

Description

STRUB Vulcolube Clean HLP-D are ultra-fine filtered hydraulic oils for hydraulic systems in laboratories and aerotechnics, for systems with servo hydraulics.

Application

These grades are particularly suitable for the lubrication of bearings in motor and high-frequency spindles.

Features and advantages

- high-quality special oil with dispersing and detergent properties
- water absorption capacity up to 5 %
- the cleanliness class is fixed at 15/13/10 according to DIN ISO 4406
- excellent corrosion protection
- strong wear reducing effect
- no tendency to foam formation
- favorable viscosity-temperature behavior
- excellent oxidation resistance, EP properties and low pour points

Specifications

Hydraulic oil HLP-D
Hydraulic oil HLP DIN 51524 part 2

Technical data

ISO		10	22	32	46	68
Art. No.		32505	32257	31700	31210	30761
Density 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
Pour point	°C	- 36	- 33	- 33	- 33	- 30

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 01 10

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