

swd HYDRALUBE HLP-D

ISO VG 10, 22, 32, 46 und 68

Detergent and emulsifying EP-Hydraulic Oil

Discription and Properties

swd HYDRALUBE HLP-D - Hydraulic oils are produced by high quality mineral base stocks. They are detergent fluids and they are ready to absorb a certain portion of water. Their special corrosion protection and the incorporated EP-additives provide excellent lubrication and good dirt holding capacity, in which they are outclassing conventional hydraulic oils.

Further properties to be highlighted :

- excellent thermal and oxidation stability
- very good anti wear characteristics
- few foaming tendency
- low pour point
- long oil drain intervals, even at hard operation conditions
- good compatibility to coatings and sealing materials

Application

swd HYDRALUBE HLP-D - hydraulic oils are predestined to be used in industrial hydraulic plants as well as in mobile hydraulics of construction machines, even at extreme operation conditions and increased occurrence of condensation moisture. Cemented control devices will be able to work again when sludge and dirt deposits are dissolved. They are standing especially in the test in machine tools, which are running with watery metal working fluids.

Qualification

- ❖ DIN 51 524 Part 2 HLP (detergent)
- ❖ MAN-N 698

Typical values

swd HYDRALUBE HLP-D	unit	value					method
ISO-VG class		10	22	32	46	68	DIN 51 519
Density at 15°C	kg/m ³	853	856	862	874	886	DIN 51 757
Kinematic viscosity at bei 0°C	mm ² /s	59	172	299	555	1080	DIN 51 562
Kinematic viscosity at bei 40°C	mm ² /s	10,4	22	31,6	45,8	68,3	DIN 51 562
Kinematic viscosity at bei 100°C	mm ² /s	2,7	4,4	5,5	6,8	8,5	DIN 51 562
Pour Point	°C	-36	-27	-21	-21	-18	DIN ISO 3016
Flash Point	°C	175	210	222	232	240	DIN ISO 2592
Article-No. :		34210	34215	34232	34246	34268	

Specification variations in these characteristics may occur.
The instructions of manufacturer must be regarded.
Further informations to be available by MSDS.

Swd Lubricants GmbH & Co. KG
Am Schlütershof 26
D-47059 Duisburg
Phone: 0203 / 3191940
Fax: 0203 / 3466540