

# oilfino Haron HLP



## DESCRIPTION

oilfino Haron HLP are mineral oil-based hydraulic oils for use in highly stressed hydraulic systems and drives. Oilfino Haron HLP are manufactured on the basis of high quality base oils and specially matched additives.

## PROPERTIES

oilfino Haron HLP offers with high oxidation and thermal stability, the potential for extended oil service life. Negatives Effects due to foam formation are prevented by an excellent air separation ability. Highly effective selected additives ensure wear protection, excellent shear stability, good demulsibility and excellent filterability.

## SPECIFICATIONS

- ISO 11158, Kennzeichnung HM
- DIN 51524, Teil 2, Kennzeichnung HLP

## PERFORMANCE LEVEL

- ASTM D 6158
- SEB 181 222
- Cincinnati P-68, P-69, P-70
- Parker Denison HF-0
- US Steel 126, 127, 136

Specific Data	Method	Unit	10	15	22	32	46	68	100	150
Viskositätsklasse ISO VG			10	15	22	32	46	68	100	150
Density at 15°C	D 4052	Kg/m <sup>3</sup>	849	856	873	876	879	882	887	891
Kinematic viscosity at 40°C	D 445	mm <sup>2</sup> /s	10	15	22	32	46	68	98	149
Kinematic viscosity at 100°C	D 445	mm <sup>2</sup> /s	2,7	3,4	4,3	5,4	6,7	8,7	10,9	14,5
Viscosity index	D 2270		101	102	102	103	103	100	95	95
Flash point	D 92	°C	170	180	210	220	240	250	255	270
Pour point	D 97	°C	-36	-36	-35	-30	-30	-30	-27	-25
Luftabscheidevermögen bei 50 °C	DIN 51381	min	3	3	5	5	6	8	10	15
Copper corrosion	D 130	Korr. grad	1a	1a	1a	1a	1a	1a	1a	1a
FZG-exam A/8,3/90	DIN 51354					12	12	12	12	12

*Information are provided to the best of our knowledge; no responsibility is taken for information accuracy. Technical data contain average values and are subject to accepted production variations. Due to continual product research and development, the information contained herein are subject to changes without notification.*