

HYDRO HLP HM

HYDRAULIC ANTI-WEAR OIL.

DESCRIPTION :

HYDRO HLP HM is a mineral oil, especially designed to meet the requirements of the most important constructors of hydraulic equipment.

Viscosity classes: HYDRAULIC ISO VG 5, 10, 15, 22, 32, 46, 68, 100, 150, 220 et 320

ADVANTAGES :

Contains anti-wear, anti-oxidant, anti-corrosion and antifoam additives.

Is distinguished by its desmulsionating power, a high viscosity index, a low pour point and a long lifetime.

SPECIFICATIONS :

AFNOR 48600	DENISON
ASLE 70-1	DIN 51524 Part 2
70-2	VDMA 24318
70-3	SPERRY VICKERS M2950-SD
DAVID BROWN ET 19	SPERRY VICKERS I-286-S3
DAVID BROWN ET 33	US STEEL 126/127

APPLICATIONS :

HYDRO HLP HM is especially designed to satisfy the requirements of the manufacturers of hydraulic systems where the highest demands are made concerning high pressure, temperatures or speeds. HYDRO HLP HM oil is recommended for the hydraulic systems of the following types : VICKERS, GEROTOR, GRESEN, HPM, DENISON, CESSNA, HYDRECO, WORTHINGTON, etc. HYDRAULIC oil is also suitable for the lubrication of workshop equipment, reducing gears, bearings, compressed air systems and air screw compressors.



TYPICAL CHARACTERISTICS HYDRO HLP HM :

Test	Method	Unit	Average result				
ISO-grade			5	10	15	22	32
Density at 15°C	D 4052	kg / m ³	830	843	857	865	872
Viscosity at 40°C	D 445	cSt	4,8	10,3	14,8	21,3	31,4
Viscosity at 100°C	D 445	cSt	1,8	2,7	3,5	4,4	5,4
Viscosity index	D 2270		100	98	115	117	106
Pour point	D 6892	°C	-45	-39	-36	-36	-33
Flash point COC	D 92	°C	120	154	169	195	207
TAN	D 974	g KOH/ kg	0,2	0,2	0,2	0,2	0,2

Test	Method	Unit	Average result					
ISO-grade			46	68	100	150	220	320
Density at 15°C	D 4052	kg / m ³	875	880	883	889	895	899
Viscosity at 40°C	D 445	cSt	46,6	69	101	156	220	300
Viscosity at 100°C	D 445	cSt	7	8,7	11,4	14,9	18,0	23,0
Viscosity index	D 2270		107	97	99	95	89	95
Pour point	D 6892	°C	-33	-30	-24	-20	-18	-15
Flash point COC	D 92	°C	220	230	232	240	245	260
TAN	D 974	g KOH/ kg	0,2	0,2	0,2	0,2	0,2	0,2

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

