

HYDRO HVI

HYDRAULIC ANTI-WEAR OIL WITH HIGH VISCOSITY INDEX.

DESCRIPTION :

HYDRO HVI is a paraffinic oil with a high viscosity index, especially intended for the use in hydraulic circuits.

Viscosity classes : 15, 22, 32, 46, 68 and 100.

ADVANTAGES :

High viscosity index.
Low freezing point.
Anti-wear properties.
Resistance against oxidation.
Protection against corrosion.
Resistance against foaming.
Very quick desaeration.
Resistance against water.
Good filtrability.

SPECIFICATIONS :

HYDRO HVI meets the requirements, made by the manufacturers of hydraulic installations about anti-wear properties for the following brands: AFNOR 48600, ASLE 70-1, 70-2 and 70-3, DAVID BROWN ET 19 and ET 33, DENISON HF-2, DIN 51524 Part 3, VDMA 24318, SPERRY VICKERS M2950-SD and I-286-S3, US STEEL 126-127, etc.

APPLICATIONS :

Hydraulic systems, functioning at very variable temperatures and at high pressures.
Gear boxes, which require an oil with an increased viscosity index and assuring a mechanical and chemical stability.
Regulation systems and hydraulic steering.
The use of HYDRAULIC HV allows to reduce the number of necessary qualities.



TYPICAL CHARACTERISTICS HYDRO HVI :

Test	Method	Unit	Average result					
			15	22	32	46	68	100
Class			15	22	32	46	68	100
Density at 15°C	D 4052	kg / m ³	855	862	869	873	878	883
Viscosity at 40°C	D 445	cSt	15,8	21,6	32,7	46,0	70,6	103
Viscosity at 100°C	D 445	cSt	4,1	5	6,3	8,1	11,0	15,2
Viscosity index	D 2270		172	168	147	150	146	155
Pour point	D 6892	°C	-45	-40	-40	-33	-30	-24
Flash point COC	D 92	°C	162	186	204	218	224	228
TAN	D 974	g KOH/ kg	0,24	0,24	0,24	0,24	0,24	0,24
Classification	ISO 6743/4		L-HV	L-HV	L-HV	L-HV	L-HV	L-HV
Classification	DIN 51524/3		HV-LP	HV-LP	HV-LP	HV-LP	HV-LP	HV-LP

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

