

## HYDRAULIC HV

### DESCRIPTION :

A series of paraffinic oils with a high viscosity index, especially intended for the use in hydraulic circuits. Their specific additive package has the following qualities :

- Anti-wear;
- Resistance against oxidation and foaming;
- Protection against corrosion;
- Good filtrability, quick desaeration and water separation.

### 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 these oils allows the reduction of the number of necessary qualities.

### SPECIFICATION LEVEL :

AFNOR	48603 HV	SPERRY VICKERS	M2950-S I-286-S
DENISON	HF-0	ISO	6743/4 KLASSE L-HV
DIN	51524 part 3 HV-LP		HV-LP
VDMA	24318	CINCINATTI MACHINE	P68, P69, P70

### TYPICAL CHARACTERISTICS :

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 <sup>3</sup>	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
TAN	D 974	g KOH/kg	0,24	0,24	0,24	0,24	0,24	0,24
Flash point COC	D 92	°C	162	186	204	218	224	228
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.