

Hydralfa HVI

22/32/46/68/100/150

Product Description

HYDRALFA HVI series are high performance hydraulic oils of high viscosity index designed to meet requirements of hydraulic systems operating under severe pressure and temperature conditions.

They are designed to perform under extreme temperature variations, found in the marine applications.

They are blended from high VI mineral base oils and special additive packages, providing high VI, EP / anti wear, rust and oxidation inhibitor properties.

Performance Features

- High anti wear protection
- Superior thermal stability
- High viscosity index and shear stability
- Good oxidation stability and resistance
- Excellent anti rust and anti corrosion properties
- Good antifoam properties
- Enhanced demulsibility and excellent water separation properties
- Low pour point

Application

HYDRALFA HVI oils are specially recommended for use in all shipboard modern hydraulic equipment and also in high pressure hydraulic systems operating within extremely wide temperature range and conditions.

HYDRALFA HVI oils meet the following requirements:

DIN 51524 part 2, **US STEEL** 136,127, **DENISON** HF-2, HF-1, HF-0, **CINCINNATI** MACHINE P 68/69/70, **VICKERS** M-2950-S, **VICKERS** I-286-S, **AFNOR** NFE 48-690(dry)/ NFE 48-691(wet), **GM** LH-03-1/LH-04-1/LH-06-1, **SAUER DANFOSS**, **BOSCH REXROTH**, **COMMERCIAL HYDRAULICS**, **JCMAS HK**

Typical Properties:

ISO grade	22	32	46	68	100	150	Method
Specific gravity at 15°C, Kg/l	0.871	0.875	0.880	0.883	0.888	0.892	ASTM D-1298
Viscosity, Kinematic at 40°C, cSt	22	32	46	68	100	150	ISO 3104
Viscosity, Kinematic at 100°C, cSt	4.75	6.05	7.85	10.55	12.55	16.75	ISO 3104
Viscosity Index	141	140	140	140	120	120	ISO 2909
Pour Point, °C	-39	-39	-36	-33	-27	-21	ISO 3016
Flash Point COC, °C	200	210	215	220	225	230	ISO 2592

Note:

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.