



Alpha Hydro Series HVI

TECHNICAL SPECIFICATIONS

Product Description

Alpha Energy hydraulic fluids (Iso 15, 32, 46, 68, 100) ensure equipment lubrication, durability and reliability, corrosion resistance, oxidation resistance, corrosion protection, excellent water separation, and high viscosity index properties make all our products in many cases exceed requirements in global standards.



Applications

This lubricant set is suitable for hydraulic circuits exposed to elements or with low working temperatures, as well as hydraulic systems used in the sea weatherproof, covers and lever, fasteners, etc. Its special additives give it an excellent demulsifying property in case of seawater pollution, as well as enhance its corrosion-resistant properties and thus be your perfect choice.

Specifications

HYDRO SERIES	TEST METHODS	HYDRO 15	HYDRO 32	HYDRO 46	HYDRO 68	HYDRO 100
ISO	ASTM METHOD	15	32	46	68	100
Density @ 15°C, g/ml	D 1298	0.855	0.869	0.875	0.867	0.872
Flash point °C	D 92	> 160	>180	>200	>220	>220
Pour point °C	D 97	-42	-42	-36	-36	-36
Viscosity @ 40°C, cst	D 445	15	32	46	68	100
Viscosity @100c	D 7042	3.8	6.2	7.9	11	15
Viscosity index	D 2270	>140	>140	>140	>140	>140
Zn	E 536	0.425	0.431	0.442	0.457	0.462
Foam Test	D 892	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0	50/0.50/0.50/0

Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS or contact us at : www.alphaenergy.com.eg