



HYDRO SERIE

PRODUCT DESCRIPTION

HYDRO SERIES OILS are premium quality antiwear hydraulic oils formulated with high quality base oils and selected additive system. These oils offer the following benefits:

- outstanding anti wear performance meaning high pump protection;
- excellent oxidation and thermal stability providing long oil life;
- effective anti corrosion ability providing protection to equipments parts;
- good water separability protecting the hydraulic system in case of water contamination;
- good air separation (fast air release and limited foaming) improving hydraulic operations.

APPLICATIONS

HYDRO SERIES OILS are designed to provide good in service performance in the vast majority of hydraulic systems operating in severe conditions. Their use may result in reducing the maintenance intervals of hydraulic systems improving production capacity and helping cost reduction owing to fewer breakdowns.

They can be applied in hydraulic systems where anti wear hydraulic oils are recommended for pump protection and in lubrication of gears and bearings.

SPECIFICATIONS

HYDRO SERIES OILS are defined ISO-H-LP products that means " Hydraulic Oils with improved anti rust , anti oxidation and anti wear " according to ISO 6743-4(Classification of Hydraulic Fluids);

TYPICAL CHARACTERISTICS (*)

Product Designation	HYDRO 22	HYDRO 32	HYDRO 46	HYDRO 68	HYDRO 100
ISO Viscosity Grade, ASTM 2422	22	32	46	68	100
Density at 15°C, ASTM D 1298, Kg / dm ³	0,865	0,875	0,880	0,885	0,890
Viscosity at 40°C, ASTM D 445, cSt	22	32	46	68	99
Viscosity Index, ASTM D 2270	100	100	100	102	100
Flash Point, ASTM D 92 ,°C	200	210	215	220	225
Pour Point, ASTM D 97, °C	-18	-18	-18	-15	-15

(*) The reported figures are typical of those obtained with normal production tolerance and therefore may be

subjected to variation; they do not constitute a specification, exception made for ISO VG