

HYDRO AW, HDLP, HLP, HVI & ZINC FREE

DESCRIPTION

HYDRO AW, HDLP, HLP, HVI Hydraulic Oils specially developed for applications subjected to wide range of temperature at high pressure or where small viscosity change with fluctuating temperature is required. Formulated with combination of highly refined quality paraffinic base oils **Group 2 for AW, HDLP, HLP & Group-3 for HVI** a highly shear stable polymer and an advanced additive system to meet the stringent requirements of modern hydraulic systems. These oils offer good protection against wear, corrosion, rust formation & prevent high foam building and ageing of the lubricants. Also when these lubricants are exposed to small amounts of water, this hardly influences the filterability of the lubricant. **We provide ZINC FREE Hydraulic Oil in HLP & HVI Grades for Extra Extended Drain Interval & Upgrade to AL Technology with Special Base Oil Amount will be charge Extra per Liter.**

No Heavy Metals, Zinc Free, Good Anti-Foam & Air Release Properties by Using Silicon Free Components

APPLICATION

- Hydraulic and power transmission systems subjected to a wide range of ambient & operating.
- Critical hydraulic systems subjected to most severe outdoor operating conditions such as high accuracy numerically controlled machine tools and those employing close clearance servo valves.
- Versatile Application in all Industrial, Automotive & Construction Hydraulic Equipment's systems such as Piling Rigs, TBN (Tunnel Boring Machine), Excavators, Cranes and Hydrostatic drives.

BENEFITS

- High viscosity index liquid paraffin, Enhanced anti-wear performance Low foaming,
- Enhanced oxidation & thermal stability, Corrosion protection & Demulsification performance
- Air release performance, Filterability performance extended equipment life & Seal compatibility.

PROPERTIES

HYDRO AW (GROUP-2)

ISO GRADE	32	46	68	100
Color	Golden Yellow			
Viscosity Cst @ 40°C	32.8	46.8	68.5	101.4
Viscosity Cst @ 100°C	5.4	6.75	8.6	11.25
Viscosity Index	97	97	96	96
Pour Point °C	-12	-12	-12	-12
Flash Point °C	210	212	212	216

HYDRO HDLP (GROUP-2)

32	46	68	100
Water White			
32.7	45.6	68.4	99.8
5.43	6.75	8.72	11.1
110	108	108	104
-12	-12	-12	-12
215	220	220	228

HYDRO HLP (GROUP-2)

ISO GRADE	32	46	68	100
Color	Water White			
Viscosity Cst @ 40°C	32.7	45.6	68.4	99.8
Viscosity Cst @ 100°C	5.43	6.75	8.72	11.1
Viscosity Index	110	108	108	104
Pour Point °C	-12	-12	-12	-12
Flash Point °C	215	220	220	228

HYDRO HVI (GROUP-3)

32	46	68	100
Water White			
32.7	46.7	68.7	100.7
6.63	8.45	11.17	13.00
164	164	156	130
-54	-45	-39	-33
250	232	240	258

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