



DATA SHEET

HYDROL AW, HLP, HVI (HVLP) & ZINC FREE

DESCRIPTION

HYDROL AW, HLP, HVI, HVLP Hydraulic Oils are specially developed for high pressure and wide range of temperature fluctuations. Formulated with combination of highly refined paraffin base oils (Group 2) for AW, HLP & (Group-3) for HVI, HVLP, 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.

Our ZINC FREE Hydraulic Oils in HLP & HVI Grades are extended drain Interval oils.

APPLICATION

- Hydraulic systems working in a wide range of fluctuating ambient & operating temperatures
- Hydraulic systems working in severe operating conditions like Excavators, Piling Rigs, TBM (Tunnel Boring Machine), 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
- Can be reused after filtration due to high quality base oil

HYDROL AW (GROUP-2)

HYDROL AW (GROUP-2)	AW 32	AW 46	AW 68	AW 100
Colour	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

HYDROL HLP (GROUP-2)

HLP 32	HLP 46	HLP 68	HLP 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

HYDROL HVI (HVLP) (GROUP-3)

HYDROL HVI (GROUP-3)	HVI 32	HVI 46	HVI 68	HVI 100
Colour	Water White			
Viscosity cSt @ 40° C	32.7	46.7	68.7	100.7
Viscosity cSt @ 100° C	6.63	8.45	11.17	13.00
Viscosity Index,	164	164	156	130
Pour Point, °C,	-54	-45	-39	-33
Flash Point, °C,	250	232	240	258



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