

NewAge Petro Conchem
Pvt. Ltd.

Product Specification Sheet

Hydraulic Oil



Reliable quality, trusted performance

HYDRAULIC OIL

Hydraulic Oil is a premium-quality fluid formulated to deliver outstanding protection, smooth power transmission, and long service life in hydraulic systems. Designed with advanced anti-wear additives and oxidation inhibitors, it ensures reliable performance under high pressure and varying temperature conditions.

Available in AW (Anti-Wear) and HLP grades, these oils provide excellent thermal stability, corrosion protection, and resistance to sludge formation, making them suitable for modern industrial and mobile hydraulic systems.

Available Grades:

AW Series

- HYD Oil AW 32
- HYD Oil AW 46
- HYD Oil AW 68
- HYD Oil AW 100

HLP Series

- HYD Oil HLP 32
- HYD Oil HLP 46
- HYD Oil HLP 68

AW Series

Analytical Test	Typical Specification			
	HYD Oil AW32	HYD oil AW46	HYD oil AW68	HYD oil AW100
Color By Gardner	< 3.0	< 3.0	< 3.0	< 3.0
Appearance	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 29.5 °C	0.850 – 0.875	0.850 – 0.875	0.860 – 0.885	0.865 – 0.885
K. Viscosity @40 °C	28 – 35	42 – 50	62 – 72	95 – 105
K. Viscosity @ 100 °C	Min 5.0	Min 5.0	Min 7.0	Min 8.50
Viscosity Index	Min 90	Min 90	Min 90	Min 90
Flash Point, COC	Min 200	Min 200	Min 210	Min 210
Pour Point	Max -6	Max -6	Max -6	Max -6
Total Acid Number (mg of KOH/gm)	Max 1.50	Max 1.50	Max 1.50	Max 1.50

HLP Series

Analytical Test	Typical Specification		
	HYD Oil HLP 32	HYD oil HLP 46	HYD oil HLP 68
Color by Gardner	< 0.5	< 0.5	< 0.5
Appearance	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 29.5 °C	0.840 – 0.855	0.840 – 0.860	0.845 – 0.865
K. Viscosity @ 40 °C	28 – 35	42 – 50	62 – 72
K. Viscosity @ 100 °C	Min 5.0	Min 5.0	Min 7.0
Viscosity Index	Min 100	Min 100	Min 100
Flash Point, COC	Min 210 °C	Min 210 °C	Min 210 °C
Pour Point	Max -6	Max -6	Max -6
Total Acid Number (mg of KOH/gm)	Max 1.00	Max 1.00	Max 1.00

Advantages :

- Excellent Anti-Wear Protection
- High Oxidation & Thermal Stability
- Superior Rust & Corrosion Protection
- Reduced Sludge & Deposit Formation
- Smooth Hydraulic Power Transmission
- Enhanced Pump & Valve Life
- Good Water Separation Properties
- Stable Viscosity Performance
- Reliable Operation in Wide Temperature Range