

Technical Datasheet



PRODUCT: VCI HYDRAULIC OIL

GRADE: HydrX 32, 37,46, 68,100, 150

Product Description

Hydrx Oils are high performance anti-wear and anti-corrosion hydraulic oils developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service. Hydrx Oils are formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust & corrosion and wear. Hydrx Oils also possess superior foam control, water separation and rapid air release properties. Hydrx Oils are formulated with field proven thermally stable zinc based anti-wear additives.

Features/Benefits:

Hydrx Oils have excellent corrosion prevention properties to protect the internals of machineries and improve the life of hydraulics. These also have thermo-oxidative stability which controls the formation of sludge & varnish and improves oil life and exceptional anti-wear property results in longer pump and component life and reduces costs. Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions and special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.

Rapid air release properties minimizes chances of pump cavitations leading to trouble free operations and are compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Applications:

Hydrx Oils can be used in hydraulic systems operating under moderate to severe conditions in mobile and industrial service and in older hydraulic systems where leakage is a problem and a cost-effective hydraulic oil providing all-round protection is required, mobile hydraulic fluid power transmission systems and general machine lubrication.

Typical Properties

PROPERTY	Hydrx 32	HydrX 37	Hydrx 46	Hydrx 68	Hydrx 100	HydrX 150
Specific Gravity	0.84	0.84	0.84	0.84	0.84	0.88
Viscosity Index	99	99	99	99	99	96
Flash Point (°C)	202	210	224	218	230	238
Viscosity at 40 °C	32 cSt	37 cst	46 cSt	68 cSt	100 cSt	150 cst
Pour Point °C	-9	-9	-9	-9	-9	-12



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CORROSION PREVENTION SPECIALISTS