

ArChine Hydrotek HLP 46T

High Performance Anti-wear Hydraulic oil

Description

ArChine Hydrotek HLP 46T is manufactured from highly refined paraffin base oils and is fortified with an inhibitor system to provide a product which insures maximum performance in all aspects of hydraulic service. Anti-wear agents keep wear rates low on critical pump parts and rust and corrosion problems are eliminated by the rust inhibitor. A foam suppression additive eliminates concerns over operating problems due to foam buildup in the hydraulic storage tank even in high circulation rate systems with low residence times.

Features

- * High resistance to oxidation gives long oil service life and reduced maintenance expenses due to less frequent oil changes.
- * Excellent air-line oil with minimum stray mist.
- * Highly machined surfaces of hydraulic system components are protected from rust and corrosion.
- * Foam inhibition prevents formation of excessive amounts of foam and reduces the danger of pump failure due to cavitations.
- * Excellent demulsibility means any water present separates from the oil quickly allowing the water to settle out and be drained from the system.
- * A versatile product which can be widely used in many different industrial applications to reduce inventory, prevent equipment damage due to use of the wrong oil and reduce overall maintenance costs.

Typical Uses

Distributor Wanted

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- * **ArChine Hydrotek HLP 46T**-----Recommended for all hydraulic systems regardless of the operating pressure.
- * **ArChine Hydrotek HLP 46T**-----Recommended for all hydraulic pump designs including vane, gear, and axial and radial piston pumps.
- * **ArChine Hydrotek HLP 46T**-----Widely used in machine tools, presses, die casting machines, circulating systems and hydraulic control systems.
- * **ArChine Hydrotek HLP 46T**-----Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors, moderately loaded gear sets.

Typical Specifications:

ArChine Hydrotek HLP	32T	46T	68T
Appearance	Golden yellow, transparent liquid	Golden yellow, transparent liquid	Golden yellow, transparent liquid
Density@15℃, g/cm ³	0.859	0.865	0.878
Viscosity@40℃, cSt.	30.24	46.14	67.92
Viscosity@100℃, cSt.	5.283	6.700	8.760
Viscosity Index	108	101	101
Flash Point COC, °C	226	230	240
Pour Point, °C	- 21	- 15	- 12
Total Acid Number, mg KOH/g	0.40	0.40	0.40
Demulsibility@ 54℃	40-40-0 (11)	40-40-0 (13)	40-40-0 (19)
Foaming Properties	10/0, 10/0, 10/0	20/0, 20/0, 20/0	20/0, 10/0, 20/0

*Typical data shall not be used as product specifications.

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