

## BOTE Hydrotech HLP 32/46/68

### Product Description:

BOTE Hydrotech HLP 32 / 46 / 68 is manufactured from highly refined paraffinic base oils and is fortified with an inhibitor system to provide a product which insures maximum performance in all aspects of hydraulic service. Antiwear 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 cavitation.
- 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:

- BOTE Hydrotech HLP 32 / 46 / 68-----Recommended for all hydraulic systems regardless of the operating pressure.
- BOTE Hydrotech HLP 32 / 46 / 68-----Recommended for all hydraulic pump designs including vane, gear, and axial and radial piston pumps.
- BOTE Hydrotech HLP 32 / 46 / 68-----Widely used in machine tools, presses, die casting machines, circulating systems and hydraulic control systems.
- BOTE Hydrotech HLP 32 / 46 / 68-----Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors, moderately loaded gear sets.



# Patricia Lubricant

## Typical Specifications:

	32	46	68
Gravity °API	31.8	31.0	30.3
Flash Point, °F	375	395	425
Fire Point, °F	420	440	470
Pour Point, °F.	-20	-20	-5
Viscosity:			
cSt.@40°C	32	46	68
cSt.@100°C	5.36	6.74	8.62
Viscosity Index	99	99	97
Color, D-1500	2.0	2.0	2.5
Zinc, Wt. %	0.04	0.04	0.04
Phosphorus Wt. %	0.04	0.04	0.04

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