

Industrial and General Purpose Hydraulic Oil

Descriptions

PTT HLP 32, 46, 68, 100 are moderate duty anti-wear type hydraulic oils, produced from high quality paraffinic base oils, anti-wear and anti-oxidation additives. PTT HLP 32, 46, 68, 100 can provide long service life.

Special Properties

- Good protection from wear, corrosion and foaming.
- Good Thermal and oxidation stability.
- Compatible with rubber seal.

Applications

- Can be used in general hydraulic systems which have frequent oil top up.
- Intended for use in light and moderate duty applications.
- Can be used as circulating oil.

Reference Standards

- Denison Hydraulic HF-2
- Vicker I-286-S

Typical Values

	32	46	68	100
- Viscosity @ 40 °C, cSt	32.00	46.15	68.15	100.2
- Viscosity @ 100 °C, cSt	5.46	6.88	8.77	11.12
- Viscosity Index	105.7	104.1	100.6	95.6
- Density @ 15 °C, g/cm ³	0.8705	0.8768	0.8832	0.8889
- Density @ 30 °C, g/cm ³	0.8610	0.8674	0.8737	0.8795
- Flash Point (COC), °C	218	224	232	240
- Pour Point, °C	-9	-9	-9	-6
- Copper Strip Corrosion	1a	1a	1a	1a
- Foam Seq I, ml/ml	0/0	5/0	10/0	5/0
Seq II, ml/ml	0/0	20/0	10/0	0/0
Seq III, ml/ml	0/0	5/0	10/0	5/0
- Color, ASTM	1.5	1.5	2.0	2.0