

JICHUAN HYDRAX OIL

PREMIUM ANTI-WEAR HYDRAULIC OIL

PRODUCT DESCRIPTION:

JICHUAN HYDRAX is manufactured from high VI paraffin base oil fortified with anti-wear, corrosion oxidation, and foam inhibitor to provide maximum protection to motors and hydraulic systems.

TYPICAL USES:

- Recommended for vane, gear, and piston type hydraulic pumps operating over 1000 PSI.
- Also recommended for hydraulic pumps operating at lower than 1000 PSI.
- Widely used in machine tools, presses, die-casting equipment, plastic injection molding machines, circulating systems, and hydraulic control systems.
- Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors and moderately loaded gear sets.
- Meets all major hydraulic pump manufacturers: Vickers, Oilgear; Pesco, DeLaval, Racine, Hydreco, Sunstrand, Dynex, John Barnes & Belows, & Valvair.

FEATURES:

- Versatile, premium oil for many applications.
- Oxidation inhibitor prevents oil from thickening.
- Protects against wear & scuffing in hydraulic pumps.
- Minimum stray mist when used in airline lubricators.
- Protects against rust and corrosion.
- Foam inhibited to prevent pump cavitation.
- Superior demulsibility characteristics.

PERFORMANCE REQUIREMENTS:

- Sperry Vickers I-286-S, M-2950-S.
- Denison HF-1, HF-2, HF-0.
- Cincinnati Milacron P-68 P-69 & P-70.
- General Motors LH-04-1, LH-06-1, & LH-15-1.
- Lee-Norse 100-1.
- Jeffrey No. 87.
- Ford M-6C32.
- U.S Steel 136.

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TYPICAL INSPECTIONS

GRADE,ISO	32	46	68	100	150	220	320	460	680
GRAVITY,°API	31.6	31.0	30.3	29.0	27.7	26.7	25.3	24.6	23.7
FLASHPOINT,°F	375	395	425	440	465	475	485	495	510
FIREPOINT,°F.	420	440	470	485	510	520	530	540	580
POURPOINT,°F.	-20	-20	-15	10	15	15	+15	+20	+20
VISCOSITY									
SUS@100°F.	165.2	237	352	522	789	1165	1726	2445	3740
SUS@210°F.	442	488	553	64.1	78.1	99	116.2	142	183
cSt@40°C.	32	46	68	100	150	220	320	410	680
cSt@100°C.	5.36	6.74	8.62	11.06	14.6	18.6	23.3	29	37.5
VISCOSITYINDEX	99	99	97	95	95	94	91	90	90
COLOR,D-1500	2.0	2.0	2.5	3.5	40	40	5.0	5.5	6.5
ZINC,WT.%	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY
OTHER ISO GRADES AVAILABLE

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