



DESCRIPTION:

Hydra-Fluid Premium hydraulic oils are superior quality anti-wear hydraulic oils developed to provide exceptional operating performance for the life of the oil in service. They conform to the international ISO classification type oils, which are inhibited against rust and oxidation and contain anti-wear additives. These oils are made from virgin Group II (synthetic technology) base oils high viscosity index base oils incorporating zinc/phosphorus additive which provide the desired quality performance required by major original engine and equipment builders.

APPLICATION:

Hydra-Fluid Premium series are recommended for use in hydraulic systems with gear, vane, radial piston and axial piston pumps in which lubricants of high oxidation stability and excellent anti-wear performance is required. They can be used in such applications as industrial hydraulic systems, hydraulics of mobile and construction equipment, plastic injection molding machines and industrial circulating systems etc. Premium is for equipment where equipment performance and longevity is required and price is not the consideration. Owing to the anti-wear and extreme pressure performance additive technology they may also be used to lubricate spur and bevel gears operating under mild conditions, plain and rolling element bearings, industrial torque convertors and machine tools.

Unique to Deojay is the additive pack which makes it the only oil based company who blends hydraulic oil which is totally compatible with both zinc and zinc free hydraulic oils.

FEATURES AND ADVANTAGES:

- Longer equipment life: selective anti-wear package reduces wear by providing "thin film" conditions.
- Extended oil service life: outstanding thermal and oxidation stability.
- Trouble-free operation: good anti-foam and air release properties, prevents formation of gummy deposits, good protection against rust and corrosion.

PERFORMANCE LEVEL:

- Afnor NF E 48-603 HM and HV
- ASTM D 6158 Type HM and HV
- Cincinnati Machine P-68, 69, 70
- Denison Hydraulics HF-O, HF-1, HF-2 and Denison (wet phase) T6CF-020 (vane pump)
- DIN 51524 Part 2 HLP and Part 3 HVL
- Eaton Brochure 694 for 35VQ25A (formerly Vickers M-2950-S and I-286-S)
- GM LS2
- ISO 11158 Categories HM and HV

DISCLAIMER AND GENERAL ADVICE

THESE CHARACTERISTICS ARE TYPICAL OF CURRENT PRODUCTION. WHILST FUTURE PRODUCTION WILL CONFORM TO DEOJAY PETROLEUM SPECIFICATION, VARIATIONS IN THESE CHARACTERISTICS MAY OCCUR. ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT THE INFORMATION CONTAINED IN THIS PUBLICATION IS ACCURATE AS AT THE TIME OF PRINTING, SOME INFORMATION IS NEVERTHELESS LIABLE TO VARIATION IN THE EVENT OF CHANGES TO ANY OF THE FOLLOWING OCCURRING SUBSEQUENT TO THE DATE OF PRINTING: THE BLEND FORMULATION, METHODS OF STORAGE, DUE TO THE IMPROPER HANDLING OR APPLICATION OF ANY OF THE PRODUCTS REFERRED TO, OR REQUIREMENTS OF ANY SPECIFICATION OR APPROVAL RELATING TO ANY OF THE PRODUCTS.

HEALTH AND SAFETY

GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

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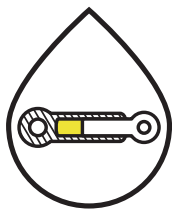
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PHYSICAL PROPERTIES:

ISO	32	46	68	100	150
VISCOSITY @ 40°C, cST	32.0	46.0	68.0	100.0	150.0
VISCOSITY @ 100°C, cST	5.47	6.88	9.10	11.16	11.6
VISCOSITY INDEX, MIN.	105	102	100	96	95
FLASH POINT, °C, MIN	205	210	215	218	219
POUR POINT, °C, MAX	-30	-30	-30	-30	-30
DENSITY @ 20°C, KG/L	0.871	0.877	0.879	0.880	0.881

PRODUCT ICON:



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