

ANTI-WEAR HYDRAULIC OILS

Hydralube Premium Hydraulic Oils



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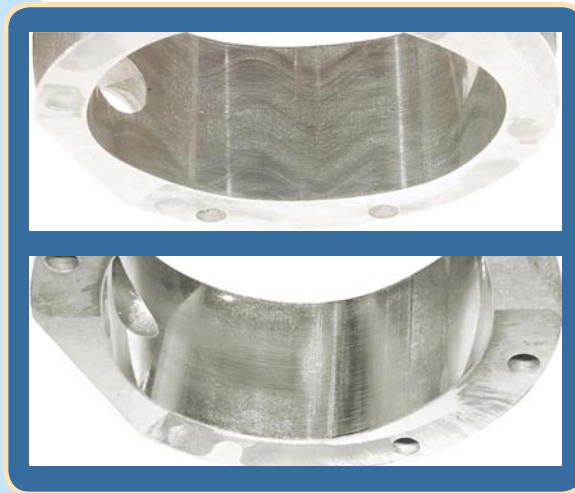
Performance and Application

Hydralube Premium Hydraulic Oils are premium quality anti-wear oils formulated to provide maximum pump life and trouble-free service in industrial and mobile hydraulic systems. These oils provide long service in high-output hydraulic systems using vane, piston or gear pumps. Even in the presence of contamination, these oils are able to resist filter plugging to maintain pumpability throughout hydraulic systems.

They possess excellent oxidation and thermal stability, offer proven protection against wear, and are able to satisfy low-temperature applications in appropriate viscosity grades. In ASTM D-943 tests, Premium ISO 32, 46 and 68 grades provided more than 2500 hours of oxidation stability. Since these oils contain a zincdithiophosphate antiwear agent, they should not be used in those specialized pumps having silver-faced bearing surfaces.

Hydralube Premium Hydraulic Oils are formulated to meet or exceed the requirements for industrial and mobile hydraulic systems which call for:

- Vickers I-286-S3, M-2950-S
- Denison TE6-C and T6H20C
- Din 51524, Part II
- Cincinnati Milacron P-68, P-69, P-70
- CETOP RP91H
- U.S. Steel 126, 127, and 136
- B. F. Goodrich 0152
- Racine, variable volume pump
- Jeffrey No. 87
- Otis Elevator Oil #36
- Denison HF-1, HF-2, HF-0
- Toshiba Machinery
- Lee-Norse 100-1
- Afnor E 48-603(HM)
- Vickers 35VQ25
- Bosch Rexroth RE 90220
- ASLE 64-1 TO 64-4, 70-1 TO 70-3
- General Motors LH-04-1, LH-06-1, LH-15-1
- Military Specifications 2075-T-H, 2110-T-H, 2135-T-H



Passing Vickers 35VQ25 Cam Ring Cartridge: original equipment manufacturing machine marks (wavy etchings) are still visible due excellent wear protection.

Failing Vickers Cam Ring Cartridge: excessive smearing and wear leads to low flow and low pump performance. The original machine marking are worn away.

Other Anti-wear Hydraulic Oils Available from Pinnacle:

- National Premium II Anti-wear Hydraulic Oils (ASTM D-943 4500 hours)
- National Premium VHVI Hydraulic Oils

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