



TECHNICAL DATA SHEET

OBLUBE 608 – PREMIUM ANTI-WEAR HYDRAULIC OIL

Product Description:

OBLube 608 Hydraulic Oil is a range of light-colored , premium, anti-wear hydraulic oil. It is blended from high quality base stocks with excellent stability, natural resistance to oxidation and moisture, and have high natural viscosity index.

These oils contain specifically selected anti-foamant and Zinc-type anti-wear agent.

Benefits:

OBLube 608 provides:

- Corrosion and wear protection for components.
- Oxidation stability for long service life.
- Easy filterability.
- Resistance to sludge and varnish formation.
- Six viscosity grades for wide application.

Product Recommendations:

OBLube 608 is recommended for all industrial and mobile hydraulic system applications. These oils are suitable for all types of hydraulic pumps except for the very small minority of pumps containing silver-plated parts which still require non-zinc oils. Specific industrial applications include machine tools and presses, mobile construction equipment, plastic injection molding machines, air compressors and speed reducers. Marine hydraulic applications include cargo winches, anchor windlasses, warping winchers, hatch covers, steering gears, bow thrusters and automatic controls.

Performance Levels:

OBLube 608 is formulated to meet the following critical specifications:

- Sperry Vickers vane pump tests.
- Denison HF-0, HF-1, HF-2 specifications.
- Cincinnati Milacron P-68, P-69, P-70 specifications.
- DIN 51524 Part 2

Product Maintenance:

OBLube 608 is designed for long service life but is known that all hydraulic oils eventually degrade due to the effects of oxidation. The characteristics of fluid oxidation are an increase in viscosity, an increase in acidity or the formation of sludge and varnish.

Typical Physical Characteristics:

| OBLUBE 608 | | | | | | | | |
|----------------------------|------|-------------|--------------------------------------|--------|-------|-------|-------|-------|
| | | | ISO Viscosity Grade | | | | | |
| Properties | Unit | Test Method | 32 / 37 | 46 | 68 | 100 | 150 | 220 |
| Color and Appearance | | Visual | Light Pale to Dark Pale Clear Liquid | | | | | |
| Specific Gravity @ 30°C | | ASTM D 1298 | 0.870 | 0.875 | 0.880 | 0.882 | 0.885 | 0.890 |
| Kinematic Viscosity @ 40°C | cSt | ASTM D 445 | 32 | 47 | 68.5 | 98 | 152 | 222 |
| Viscosity Index | | ASTM D 2770 | 99 | 98 | 96 | 95 | 95 | 95 |
| Pour Point | °C | ASTM D 97 | - 12.0 | - 12.0 | - 9.0 | - 6.0 | - 6.0 | - 6.0 |
| Flash Point | °C | ASTM D 92 | 210 | 217 | 221 | 232 | 245 | 265 |
| Copper Strip Corrosion | | ASTM D 130 | Pass | Pass | Pass | Pass | Pass | Pass |
| Foaming Tendency | | ASTM D 892 | Pass | Pass | Pass | Pass | Pass | Pass |

Health and Safety:

OBLUBE Lubricants are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Use gloves which are impervious to oil and chemicals when handling used oils. Avoid skin contact. If lubricants come in contact with skin, wash immediately with soap and water.

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