



HYDRAULIC OIL ISO-32

Technical Data Sheet

PACKAGING:

1L, 4L, 5L, 7L, 20L, 25L, 60L, 208L



DESCRIPTION:

Volkio Hydraulic oils are premium quality anti-oxidant, anti-wear, anti-rust hydraulic oils for industrial hydraulic applications blended with selected high quality base stocks and special additives to give excellent demulsibility, superior oxidation and thermal stability and excellent load carrying capacity.

BENEFITS:

- Formulated with high viscosity-index paraffinic base stocks and premium performance additives.
- Acceptable for a wide-range of applications -Resist oxidation, rust, corrosion, foaming, varnish, and wear.
- Low friction and hydraulic stability.
- Comprehensive additive package includes anti-wear, anti-corrosion, anti-foaming agents as well as detergency.

SPECIFICATIONS:

Hydraulic Oils meets and exceeds the performance standards of

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| • Cincinnati Machine P-68, P-69, P-70 | • JCMAS HK |
| • Eaton Vickers M-2950-S, I-286-S | • US Steel 127 |
| • General Motors LS-2, LH-03, LH-04, LH-06 | • Dennison HF-0, HF-1, HF-2 |

TYPICAL PROPERTIES:

TEST	FREQUENCY	RESULT
Appearance	VISUAL	Bright & Clear
Color	ASTM D 1500	Neutral
Kin. Viscosity @100°C	ASTM D 445	5.56Cst
Kin. Viscosity @40°C	ASTM D 445	32
Viscosity Index	ASTM D 2270	110
Density @ 60/60F	ASTM D 1298	0.875
Pour Point	ASTM D 97	≤-25°C
Flash Point	ASTM D 92	≥ 215°C
Water Content	ASTM D 6034	-ve
Antifoam	ASTM D 892	Pass

APPLICATION:

This oil is specifically designed to satisfy the requirements of the manufacturers of hydraulic systems where the highest demands are made concerning high pressure, temperatures or speeds. It is recommended for the hydraulic systems of the following types : Vickers, Gerotor, Gresen, HPM, Denison, Cessna, Hydreco and Worthington. It is also suitable for the lubrication of workshop equipment, reducing gears, bearings, compressed air systems and air screw compressors.