NEMCO LUBRICANTS & CHEMICALS

Product Data Sheet

Non-Zinc Hydraulic Oils
ISO VG 22, 32 & 46

DESCRIPTION

Nemco Non-Zinc Hydraulic Oils are specially formulated hydraulic oils. Nemco Non-Zinc Hydraulic Oils are all-season low temperature multi-grade fluids. These premium hydraulic oils provide anti-wear performance using high performance zinc-free additives. They are characterized by a high viscosity index and are designed for use over wide operating temperature ranges. Non-Zinc Hydraulic Oils have proven field performance for all year protection for your equipment.

Features & Benefits

- Strong anti-wear performance with Zinc-free formulations
- Excellent thermal stability
- Superior antifoam characteristics
- Excellent rust and corrosion protection
- Outstanding anti-wear protection
- Low filter blockage tendency
- Good seal compatibility
- Excellent demulsibility
- Good oxidation stability

Applications

- Year round use in mobile and stationary hydraulic systems requiring outdoor non-detergent, non-zinc hydraulic oils, including excavators, cranes, shovels, drills, crawlers, boom trucks, etc.
- Saw mills, woodland equipment, snow removal equipment and portable compressors
- Circulating systems, including those servicing plain and rolling element bearings in pump crankcases and some electric motor bearings, and gear sets requiring non-extreme pressure gear oils

Meets and/or exceeds

- Parker Denison HF-0
- Eaton Brochure 03-401-2010
- MAG IAS P-68, P-69, P-70
- Komatsu and JCMA HK-1
- GM LS-2
- DIN 51524 PART 2MIL-L-17331

Notes

Always check your service manual for proper application and viscosity grade.

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Typical Characteristics – Non-Zinc Hydraulic Oils

	NZ 22	NZ 32	NZ 46
Viscosity cSt at 40°C cSt at 100°C	 22.7 5.31	 32.0 6.5	 47.0 8.6
Viscosity index	180	162	163
Pour point °C (°F)	-48 (-54)	-45 (-49)	-45 (-49)
Oxidation stability (hours to 2.0 TAN), ASTM D943	8000+	8000+	8000+

Physical characteristics shown in the table are typical and may vary slightly.

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