

ENVIRO ZF MV 32 HYDRAULIC OIL

MOLEC[®] ENVIRO ZF MV 32 Hydraulic oil is a superior quality lubricant that is designed for year-round use and to give long service life in high output hydraulic systems operating in a wide range of extreme temperatures. This ashless (Zinc-Free) formula is particularly exceptional when operating in environmentally sensitive locations. The Inherently Biodegradable formula is designed as an environmentally safer alternative to conventional zinc-based hydraulic fluid when working in sensitive areas. This high viscosity index, low pour point, energy conserving formula provides long oil life for fewer oil change outs and reduces sludge and varnish deposits better than conventional anti-wear hydraulic fluids.

TECHNICAL DATA:

SPECIFICATIONS	ASTM	32
PRODUCT NUMBER		50794
Viscosity @100°C, cSt	D445	32.88
Viscosity @40°C, cSt	D445	6.69
Viscosity Index	D2270	166
Specific Gravity at 60°F	D1250	0.8582
Pour Point, °C	D5950	-54
Flash Point, °C	D92	220
Colour ASTM	D1500	L0.5
Copper Corrosion, 3hrs @100°C	D130	2a
Demulsibility	D1401	40-39-1 (10')
Oxidation Life 3hrs to TAN=2.0 MIN	D943	7,000
Rust, Procedures A & B, 24hr	D665	PASS
TAN, mg KOH/g	D664	0.4
Dielectric Breakdown, KV2	D887	46

BENEFICIAL QUALITIES:

- Low Environmental impact – Non-Toxic (Zinc-Free) chemistry with no heavy metals to contaminate water or soil
- Recyclable – Can be recycled and reclaimed, unlike vegetable oil based products which have to be incinerated or land farmed
- Very low viscosity variation and quick start ups due to the latest polymer technology
- Excellent water separation that facilitates water removal
- Stay-in-Grade characteristics that ensure effective lubrication and long oil life
- Excellent filterability that minimizes filter blockage
- Minimizes pump cavitation in systems with high circulation rates

SPECIFICATION CONSOLE

VISCOSITY INDEX



166

POUR POINT



°C: -54

OXIDATION HOURS



MIN: 7000

INDUSTRIES



MUNICIPAL



FORESTRY



CONSTRUCTION



MINING

⚠ WARNING!

Prolonged or repeated skin contact may cause irritation. Use protective wear to avoid eye and skin contact. Wash thoroughly after use. For skin contact, wash with soap and water. If swallowed, seek medical attention immediately. For eye contact, flush with water for 15 minutes and contact a physician. For additional information read the Safety Data Sheet for this product. **KEEP OUT OF REACH OF CHILDREN.**

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MEETS OR EXCEEDS THE FOLLOWING INDUSTRY SPECIFICATIONS:

- Parker Denison HF-0 (HF-1 and HF-2 are included under the HF-0 designation)
- Eaton Vickers E-FDGN-TB002-E (this specification supersedes I-286-S and M-2950-S)
- DIN 51524 Part 2 and Part 3
- FIVES (formerly MAG, formerly Cincinnati Milacron) P-68, P-69, P-70
- ISO 11158 HV
- ASTM D6158-16
- Bosch Rexroth RE 90220

AVAILABLE PACKAGING: 1040L Totes • Bulk • 18.9L Pails

PRODUCT CODE: 50794

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