

Bio-Degradable Anti-Wear Hydraulic Oils

ISO32 . ISO46 . ISO68 Grades



BIO-DEGRADABLE HYDRAULIC FLUID

Description:

Biodegradable anti-wear hydraulic oils are fully formulated, thermally stable, non-zinc containing anti-wear hydraulic oil for use in both high and low pressure hydraulic systems for industrial and mobile applications. It contains a unique combination of anti-wear and friction modifying chemical components as well as a combination of metal passivator, demulsifiers, rust inhibitor and defoamer for longer fluid life. Developed as an alternative to mineral based hydraulic fluids where good low temperature properties, improved oxidation stability, low toxicity and fluid biodegradation properties are required.

Features:

- Superior hydrolytic stability
- Excellent EP performance
- Outstanding oxidative stability
- Excellent rust protection
- Good demulsibility and anti-foam properties
- No heavy metals
- Good low temperature properties
- Excellent anti-wear performance
- Biodegradable via CEC/Strum test methods
- Extended drain intervals

Performance Requirements:

- Vickers I-286-S, M-2950-S
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524 Part 2
- Racine, Variable Volume Vane Pumps
- AFNOR NFE 48-603HM
- Lee-Norse 100-1
- Jeffrey No. 87
- Ford M-6C32
- B.F. Goodrich 0152
- General Motors LH-04-1, LH-06-1, LH-15-1

Performance Testing

ASTM D 943 , ASTM D 2619, ASTM D 892, ASTM D 665, ASTM D 1401, ASTM D 130



For More Information, Please Contact
NRG Resources, Inc. • 18301 Von Karman Avenue • Suite 1050 • Irvine • CA 92612
714.689.9100 • 714.689.9111 • www.nrgresourcescorp.com