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EnviroLogic[®] 1100

Biodegradable Hydraulic Fluid

Description

EnviroLogic[®] 1100 Hydraulic Fluid is a readily biodegradable, non-hazardous ISO 100 grade hydraulic oil for use in general purpose hydraulic systems. EnviroLogic[®] 1100 is based on natural ester technology and is a direct replacement for petroleum oil based hydraulic fluids of similar viscosity. The product demonstrates excellent low and high temperature viscosity performance and has superior antiwear characteristics.

Typical Properties

| | | |
|-------------------------------------|-------------|---------|
| Flash Point, °C | ASTM D-92 | >220° C |
| Specific Gravity, 60 ^o F | ASTM D-1298 | 0.92 |
| Viscosity @ 40 ^o C, cst. | ASTM D-445 | 100.0 |
| Viscosity Index | ASTM D-2270 | > 200 |
| Pour Point, °C | ASTM D97 | -33 |

Typical Performance Properties

| | |
|---|--------------|
| Rust , ASTM D-665 A (Distilled Water) | Pass |
| Rust, ASTM D-665 B (Synthetic Sea Water) | Pass |
| Oxidative Stability , ASTM D-2272 RBOT , min. to 25 psi loss | 80 - 100 |
| Biodegradability (%) CEC L-33 T-82 | > 85% |
| Demulsibility ASTM D-1401 oil / water / emulsion (minutes) | 40-40-0 (10) |
