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F O R M U L A



Ashless Anti-Wear Hydraulic Fluids

FORMULA 500® Ashless Anti-Wear (AW) Hydraulic Fluids are zinc-free fluids formulated with quality base stocks to provide excellent anti-wear properties and exceptional thermal stability. FORMULA 500® Ashless AW Hydraulic Fluids contains a foam inhibitor to limit air entrapment. These oils are also non-toxic (OECD 203 aquatic toxicity test), inherently biodegradable (OECD 301B biodegradation test), and pass the EPA static sheen test.

FORMULA 500® Ashless AW Hydraulic Fluids are recommended for use in hydraulic oil systems, high speed and high pressure pumps, circulating systems, and as a general machine lubricant.

FORMULA 500® Ashless AW Hydraulic Fluids meet the following performance claims:

- Denison HF-0, HF-1, HF-2
- General Motors LS-2
- Bosch Rexroth RDE 90245
- ISO 11158 HH, HL, HM, HR
- Eaton E-FDGN-TB002-E
- Cincinnati Machine
- DIN 51524 Parts I and II

Typical Properties:

Product: FORMULA 500® Ashless AW Hydraulic Fluid				
ISO Viscosity	22	32	46	68
Product Code	90222	90391	90416	90406
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	4.32	5.47	7.15	8.77
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	22	32	46	68
Viscosity Index (ASTM D-2270)	102	105	108	100