



LUBRICANTS



Product Data Sheet

T4 Hylift Hydraulic Oil

Premium Hydraulic Fluid for Off-Road Mobile Equipment

High-performance hydraulic oil designed primarily for hydraulic systems of Caterpillar and other off-road, heavy-duty construction equipment. Formulated with premium quality base stocks and increased levels of zinc-containing anti-wear additives that meet Caterpillar's requirements for use in many of their hydraulic systems.

Features and Benefits

- Excellent choice over a wide temperature range
- Outstanding wear protection for hydraulic systems
- Detergent additives help hold water in suspension
- Good resistance to foaming
- Protects against rust and corrosion
- Long-life performance

Applications

- Construction, Mining and Agricultural industries
- Hydraulic and some hydrostatic transmissions
- Marine on-deck machinery
- Vane, gear, axial piston hyd. pumps

Typical Properties

Product Code	Test Method	334340	334342
SAE Viscosity Grade		10W	20W
Viscosity, cSt @ 40°C	ASTM D 445	43.9	68.0
Viscosity, cSt @ 100°C	ASTM D 445	6.8	9.0
Viscosity Index	ASTM D-2270	108	110
Oxidation Stability, hours	ASTM D943	>5,000	>5,000
Specific Gravity 15.6°C	ASTM D-4052	0.8708	0.8697
Density, lbs/gal	Calculated	7.25	7.24
Flash Point, °C	ASTM D-92	229 (410°F)	238 (460°F)
Pour Point, °C	ASTM D-5949	-35 (-31°F)	-30 (-22°F)
Zinc, wt.% typical	ASTM D4951	0.099	0.099
Ability to keep 0.1% water in emulsion		Yes	Yes

These properties are typical of current production, minor variations are to be expected in normal manufacturing.

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