

BIGFOOT CAT TO-4 TRANSMISSION / DRIVE TRAIN OIL

CATERPILLAR TRANSMISSION-FINAL DRIVE-WET BRAKE FLUID



A PRODUCT OF LUBRICATING SPECIALTIES COMPANY

Product Description



BIGFOOT CAT TO-4 TRANSMISSION/ DRIVE TRAIN OIL is specifically formulated to meet the demanding requirements of the new Caterpillar TO-4 specification as well as Allison C-4.

These oil were designed for use in CAT vehicle friction devices – power shift transmissions, clutches, and brakes – as well as other vehicle drive train components such as final drives, bevel gears and differentials. They are also significantly improves gear wear performance.

Applications & Uses:

- Cat transmission / wet-disc brake / final drives.
- Provides controlled friction performance of 7 friction materials (metallic and non-metallic.)
- Passes 35 VQ 25 Vickers pump test.
- Substantial improvements in friction and anti-wear performance over CD/TO-2 fluids.
- Longer fluid life.
- Excellent final drive protection for gears.
- Provides superb protection even in high pressure hydraulic system.

Features & Benefits:

- Stable friction performance over vehicle life.
- Excellent oxidative stability / sludge control.
- Excellent low temperature fluidity.
- Excellent shear stability.
- Protects against copper corrosion and rust.

Typical Test Data

TEST	ASTM	10W	30W	50W
Gravity, °API	D-4052	32.0	30.0	28.6
Flash Point, °C.	D-92	204	252	250
Pour Point, °C.	D-97	-27	-15	-23
Viscosity:				
cSt. @ -25° C, cP	D-5293	2,900	----	----
cSt. @ 40° C.	D-445	38.2	107.4	219
cSt. @ 100° C.	D-445	5.5	10.2	19.5
Viscosity Index	D-2270	100	95	93
Color, D-1500	D-1500	2.5	2.5	3.5
Sulfated Ash, WT. %	D-874	1.2	1.2	1.2
Zinc, WT. %	XRF	0.124	0.124	0.124
TBN	D-2896	7.1	7.1	7.1

* CONTAINS HIGH PERFORMANCE ADDITIVE CHEMISTRY.
VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.

TECHNICAL PRODUCT INFORMATION

PRODUCT CODE: 33208, 33015, 33016

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