



Trans C HT

Multigrade TO-4 Fluid

Description

Castrol Trans-C HT is a synthetic transmission/hydraulic fluid that balances high-temperature wear protection for gears and bearings with low temperature flow properties for positive shifting in transmissions. Its full synthetic formulation allows for extended drain intervals with regular used oil analysis. It is a multi-functional fluid that can be used in hydraulic and transmissions, which helps business owners consolidate inventory and simplify maintenance practices.

Advantages

- Castrol Extends Service Intervals - In field tests on various types of earthmoving equipment, Castrol Trans C HT stretched service intervals:
 - More than 5000 hours in hydraulic systems
 - More than 2500 hours in power shift transmissions without problems.
- Superior Gear Wear Protection - Excellent gear protection and reduced wear as evidenced by reduced weight loss
- Excellent Pump Protection - Outstanding anti-wear hydraulic performance with very low weight loss during key industry tests (Vickers D 2882 Modified Pump test) along with very little evidence of wear on the rings and vanes

Warranty and Protection Requirements:

- Exceeds all manufacturers' warranty requirements for applications requiring a transmission fluid meeting the Caterpillar TO-4 specification.

OEM Specifications:

- Meets or exceeds Caterpillar TO-4 requirements
- Vickers 35VQ25 Vane Pump Performance

Typical Physical Characteristics

Test	Method	Typical Results
Kinematic Viscosity @ 40° C, cSt	ASTM D-445	84.6
Kinematic Viscosity @100° C, cSt	ASTM D-445	11.8
Viscosity Index	ASTM D-2270	134
Flash Point, °C (°F)	ASTM D-92	240(464)
Pour Point, °C (°F)	ASTM D-97	-36(-33)
Brookfield Viscosity, -35°C, cP	ASTM D-2983	138,000
20 Hours KRL, KV 100C After Shear	CEC-L45-20	11.63
% Viscosity Loss		-1.61
FZG Gear Scuffing, Pass Load Stage	ASTM D-5182	11
FZG Gear Wear, mg wt loss	ASTM D-4998	48
Gravity, API	ASTM D-287	32
Pounds per Gallon	ASTM D-287	7.21
Specific Gravity @60F	ASTM D-1298	0.8654

Additional Information

Part Numbers and UPCs

55 Gal. Drum Part No.	39209
260 Gal. Tote Part No.	392047
Bulk	39200

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com