



PRODUCT DATA

Castrol Trans C HT

Castrol Trans-C HT is a full 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.

Features and Benefits:

- 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 Properties:*

Product	Units	Method	Typical Results
			Trans C HT
Kinematic Viscosity @	40° C, cSt	ASTM D-445	84.6
	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 (Shear Test)	After Shear cSt @ 100°C	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	g/ml	ASTM D-1298	0.8654

* Due to continual product research and development, the information contained herein is based on products purchased in the U.S subject to change without notification. Typical properties may vary slightly.

Part Numbers and UPCs

Grade	Trans C HT
55 Gal. Drum Part No.	39209
260 Gal. Tote Part No.	392047
Bulk	39200

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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