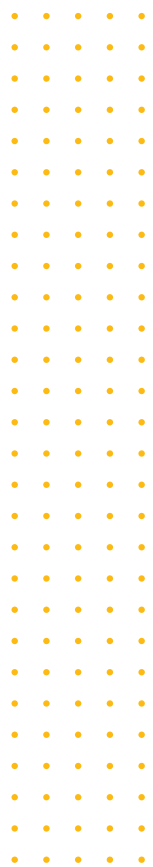




EXCEPTIONAL STABILITY AND PROTECTION

Cat® ATF HD2 (Automatic Transmission Fluid, Heavy Duty, 2nd formulation) is Caterpillar's formulation for synthetic ATF to be used in Cat Vocational trucks with automatic transmissions, or in other heavy duty automatic transmissions requiring fluid meeting the Caterpillar AT-1 specification. Cat ATF HD2 replaces the previous formulation, Cat ATF HD.



CAT ATF HD2

TYPICAL CHARACTERISTICS*

Flash Point, °C (°F) (ASTM D92)	236
Pour Point, °C (°F) (ASTM D97)	-54
Viscosity	
cSt @ 40°C	39
cSt @ 100°C	7.3
Brookfield Viscosity, ASTM D5293 -cP @ -40°C	8400
Viscosity Index	168
Boron, %wt	0.015
Zinc, %wt (ASTM D4951)	0.03
Phosphorous, %wt (ASTM D4951)	0.08

Meets or exceeds the following OEM requirements:	
Allison TES-295 (AN – 051005)	X
Allison TES-468 (AN – 051005)	X
MB-Approval 236.91	X
ZF TE-ML 04D/ 14C/ 16M/ 20C	X
Voith Turbo H55.633639	X
Voith Turbo DIWA Service Bulletin 013 & 118 – Extended Drain	X

* The values shown are typical values and should not be used as quality control parameters to either accept or reject product.

Specifications are subject to change without notice.

BENEFITS

- Synthetic automatic transmission fluid, engineered, tested and approved by Caterpillar for Cat products.
- Recommended for over the road, heavy-duty automatic transmission applications requiring the Caterpillar AT-1 specification.
- Not recommended for applications requiring the Caterpillar TO-4 specification.
- Exceptional stability and protection for gears and automatic transmission components.
- Extended drain intervals (consult your Operation and Maintenance Manual).

HEALTH AND SAFETY

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin, or respiratory irritation. Always observe good hygiene measures. Read and understand the Safety Data Sheet (SDS) before using this product. For a copy of the SDS, visit us on the web at www.catmsds.com.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.



We offer you the right parts and service solutions, when and where you need them.

The Cat dealer network of highly trained experts helps keep your entire fleet up and running to maximize your equipment investment.

PEHJ0333-02
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