

ANNOUNCEMENT: Caterpillar TO-4 Specification to be De-Commissioned

NOTICE

As of April 1, 2025, the Caterpillar TO-4 / TO-4M transmission/drive train oil specification, FD-1 final drive oil specification, and BF-2 biodegradable hydraulic oil specification have been removed from publication. Caterpillar will no longer monitor or support such specifications.

Third-party oils claiming to meet the Caterpillar “TO-4 / TO-4M / FD-1 / BF-2” specifications are not endorsed or supported by Caterpillar. Use of such third-party oils is at the machine owners’ risk.

Caterpillar’s lubricant specifications are documented internally and shared with lubricant suppliers as needed. Please reach out to your Caterpillar dealer, the Dealer Solution Network, or FNFhelp@cat.com with your fluids related questions and concerns.

Customers may see the Caterpillar TO-4 / TO-4M / FD-1 / BF-2 specifications referenced on Cat branded lubricant labeling during 2025 until packaging updates are complete.

Q & A

Why? – This change seeks to improve customer equipment protection and the durability of components. While Caterpillar originally published the “TO-4 / TO-4M / FD-1 / BF-2” specifications, Caterpillar does not manage or test the quality or suitability of third-party oils for use in Caterpillar machines or their adherence to these specifications. Caterpillar does not want to give the impression that it is endorsing the fluids of third parties where Caterpillar has not verified third party claims that certain specifications are met or that the third-party fluids are appropriate for Caterpillar machines. For example, if third parties claim to meet the specifications but do not do so, Caterpillar does not want to give customers the impression that Caterpillar supports the use of such products in its machines. Not publishing static, external specifications also gives Caterpillar greater flexibility to improve its internal specifications and the fluid products Caterpillar is directly supporting.

How will Caterpillar control fluid quality and testing requirements? – Formulation components, manufacturing requirements, testing parameters, and performance requirements will be documented using internal Caterpillar “1E” specifications. These internal specifications are the same method in which control parameters are set for all other Caterpillar machine components.

How do customers choose lubricants? – Your OMM, your Cat Dealer, SEBU 6250, and SEBU 6251 are the best resources.

[CAT fluid selector](#) is also a useful resource

Additional Resources:

For Dealers

<https://catdealer.com/en/services-support/parts/usp.html>

Fluids and Filters Help desk at FNFhelp@cat.com

For Customers

https://www.cat.com/en_US/products/new/parts/fluids/oils.html

Contact Information:

Global Dealer Solutions Network

Parts Technical Support Team

Toll Free - North America: 1-877-228-2420

International: +1-309-266-4421

Global Dealer Solution Network (GDSN) Quick Entry web form: [Global DSN PSCRM – quick entry web-form](#)

Electronic Requests:

Send via Microsoft Customer Relationship Management (MSCRM)

For access and tutorial information: <https://catdealer.com/en/services-support/technical-support-resources/gdsn.html>

Caterpillar reserves the right to change this document without notice. The implementation date of this specification change is April 1, 2025.

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