



CHEVRON PRODUCT FOR OFF-ROAD OEM SPECIFICATIONS



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Caterpillar Product Specifications

Chevron Product Recommendations

Specification	Cat Product Name	Grade/Concentration	Chevron Product Name	Grade/Concentration
EC-1 Extended Life Coolant	Cat ELC	Concentrate 50/50	Delo [®] ELC	Concentrate Premixed 50/50 Premixed 60/40
ECF-3 Diesel Engine Oil Ultra Low Sulfur (API CJ-4/ CK-4)*	Cat DEO-ULS	SAE 15W-40 SAE 10W-30	Delo 400 LE / SDE Delo 400 XLE	SAE 15W-40 SAE 15W-40/10W-30
	Cat DEO-ULS SYN	SAE 5W-40	Delo 400 XSP	SAE 5W-40
	Cat DEO Cold Weather	SAE 0W-40	Delo 400 XSP Delo 400 SP	SAE 5W-30 SAE 0W-30
ECF-2 Diesel Engine Oil (API CI-4 Plus/API CI-4)**	Cat DEO	SAE 15W-40 SAE 10W-30	See ECF-3 Specification**	SAE 15W-40 SAE 10W-30
Multi-Application Engine Oil	Cat MAEO Plus (Non-Cat mixed fleets)	SAE 10W-40	Delo 400 XLE	SAE 15W-40
Diesel Engine Oil (API CF)	Cat DEO (3600 engines only)	SAE 40	Delo 400	SAE 40
Pre-Combustion Oil	Cat PCO	SAE 40	Delo 100	SAE 40
TO-4/TO-4M Transmission/Drive Train Oil	Cat TDTO	SAE 10W SAE 30 SAE 50	Delo TorqForce [®]	SAE 10W SAE 30 SAE 50
	Cat TDTO-TMS	Multigrade	Delo TorqForce MP	SAE 10W-40
	Cat TDTO Cold Weather	SAE 0W-20	Delo TorqForce Syn	SAE 5W-30
Special Application Transmission Oil	Cat SATO	Multigrade	Delo TorqForce MP	SAE 10W-40

*The specification calls for CJ-4, however in North America both CAT and Chevron recommend CK-4, which exceeds CJ-4 performance.

**ECF-2 (API CI-4 Plus/API CI-4) specification is out of date; the ECF-3 supersedes this claim & is backwards compatible

Caterpillar Product Specifications

Chevron Product Recommendations

Specification	Cat Product Name	Grade/Concentration	Chevron Product Name	Grade/Concentration
AT-1 Automatic Transmission Fluid	Cat ATF-HD2	Multigrade Synthetic	Delo® Syn ATF HD	N/A
FD-1 Final Drive and Axle Oil	Cat FDAO	SAE 60	Delo TorqForce® FD	SAE 60
	Cat FDAO SYN	Multigrade	Delo TorqForce Syn FD-1	Multigrade
API GL-5 Gear Oil	Cat GO	SAE 80W-90 SAE 85W-140	Delo Gear EP-5	SAE 80W-90 SAE 85W-140
	Cat Synthetic GO	SAE 75W-140	Delo Syn-Gear XDM	SAE 80W-140
Hydraulic Oil	Cat HYDO Advanced	SAE 10W SAE 20W SAE 30	Delo TorqForce	SAE 30 SAE 10W SAE 5W-30 MP
BF-2 Hydraulic Oil	Cat Bio HYDO Advanced	ISO 46	Clarity® Synthetic EA Hydraulic	ISO 46
Multipurpose Tractor Oil	Cat MTO	SAE 10W-30	Chevron 1000 THF	SAE10W-30
Greases	Cat Utility	NLGI 2	Delo Grease EP	NLGI 2
	Cat Prime Application	NLGI 2	Delo Grease ESI® HD Moly 3% EP	NLGI 2
	Cat Extreme Application - Arctic	NLGI .5	Delo Syn-Grease™ SXD 220 Moly 5% EP	NLGI 1
	Cat Extreme Application	NLGI 1 NLGI 2	Delo Grease ESI HD Moly 5% EP	NLGI 1 NLGI 2
	Cat Extreme Application – Desert	NLGI 2	Delo Grease ESI HD Moly 5% EP	NLGI 2

Komatsu Product Specifications

Chevron Product Recommendations*

Specification	Komatsu Product Name	Grade/Concentration	Chevron Product Name	Grade/Concentration
KES 07.892 Extended Life Coolant (NF)	Komatsu Super Coolant	Concentrate 50/50	Delo® XLC	Concentrate Premixed 50/50
KES 07.851.2 Low Ash Diesel Engine Oil (API CJ-4/CK-4)	Komatsu Tier IV Low Ash Engine Oil	SAE 15W-40	Delo 400 SDE Delo 400 XLE Delo 400 XSP	SAE 15W-40 SAE 15W-40/10W-30 SAE 5W-40 SAE 5W-30
KES 07.851.1 Diesel Engine Oil (API CI-4 Plus/API CI-4)**	Komatsu Genuine Diesel Engine Oil	SAE 15W-40 SAE 10W-30	See KES 07.851.2**	SAE 15W-40 SAE 10W-30 SAE 15W-40
KES 07.868.1 Drive Train Fluid	Komatsu Powertrain & Micro Clutch Oil	SAE 10W SAE 30	Delo TorqForce®	SAE 10W SAE 30 SAE 50
KES 07.861 Gear Lubricants	Komatsu Gear Lubricant	SAE 80W-90 SAE 85W-140	Delo Gear EP-5	SAE 80W-90 SAE 85W-140
KES 07.841.1 Hydraulic Fluids	Komatsu 46AW Hydraulic Komatsu HO-56 Hydraulic Komatsu Biodegradable	ISO 46 ISO 56	Rando® HD Rando HDZ Clarity® Synthetic EA Hydraulic	ISO 46 ISO 46, 68 ISO 46
KES 07.866 Axle / THF Oil	Komatsu AX080	SAE 80W	Chevron 1000 THF	SAE 80W
KES 07.881.1 Grease	Komatsu Hyper Grease G2-TE Komatsu Lithium Grease EP2 G2-LI	NLGI 2	Delo Grease ESI® HD Moly 5% EP Delo Grease ESI EP	NLGI 2

*Based on latest published OEM specifications, which are subject to change by OEM – always check with OEM for current specifications.

**KES 07.851.1 (API CI-4 Plus/API CI-4) specification is out of date; KES 07.851.2 supersedes this claim & is backwards compatible

Recommended product may not meet all requirements of the applicable specification but is covered by the applicable Chevron warranty.

Off-Road Drain Intervals

- Typical Tier II OEM HDMO Drain Intervals: 250 Hours
- Typical Tier IV OEM HDMO Drain Intervals: 500 Hours

Contact your Carson Representative or visit:
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