



# SHELL ROTELLA® SPRING 2021 OEM RECOMMENDATIONS

ALWAYS FOLLOW OEM RECOMMENDATIONS FOR VISCOSITY GRADE FOR AMBIENT TEMPERATURE.

## CLASS 8: ON-HIGHWAY

CK-4 SPECIFICATION	FA-4 SPECIFICATION	ENGINES ALLOWING FA-4	OIL DRAIN INTERVAL CHANGES	USABLE PRODUCTS
Cummins CES 20086	CES 20087	Cummins X15 2020 and X12 (available in 2018 or newer) engines.	Cummins has increased drain interval for 2017 or newer X15 engines using CK-4/FA-4 performance product by 10,000 miles, to a 50,000 mile ODI, vs. older ISX15 engines.	<b>CES 20086</b> Shell Rotella® T6 Multi-Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40 <b>CES 20087</b> Shell Rotella® T5 Ultra Synthetic Blend 10W-30
Detroit Diesel DFS 93K222	DFS 93K223	GHG17 engines and backwards compatible with EPA 10 and EPA 13 older engines. Factory filling with DFS 93K221 (API FA-4)	Up to 65,000 miles for DD13 (2007 and newer) and up to 75,000 miles for DD15 (2007 and newer)	<b>DFS 93K222</b> Shell Rotella® T6 Multi-Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40 <b>DFS 93K223</b> Shell Rotella® T5 Ultra Synthetic Blend 10W-30
Volvo/Mack Volvo VDS-4.5, Mack EOS-4.5, Renault VI RLD 4	No Specification	Do not allow	Volvo has increased drain intervals when using VDS-4.5/MACK EOS-4.5 oils by 10,000 miles for new engines, or 55,000 miles.	<b>Volvo VDS-4.5, Mack EOS-4.5, Renault VI RLD 4</b> Shell Rotella® T6 Multi-Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40
Navistar (International) Navistar does not have its own specification qualification. It uses API guidelines.		Approved for new 2017 and newer A26 & Cummins engines – optional as factory fill. Can be used for service fill for all 2017 and newer engines, even if factory fill was CK-4.	A26 Engine: Up to 70,000 miles with oil sampling and International Truck approval; 6.5 or greater mpg: 50,000 miles (80,000 km); 5.5 to 6.5 mpg: 30,000 miles (48,000 km); Less than 5.5 mpg: 20,000 miles (32,000 km)	<b>API CK-4</b> Shell Rotella® T6 Multi Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 NG Plus 15W40 Shell Rotella® T3 Fleet 15W-40 <b>API FA-4</b> Shell Rotella® T5 Ultra Synthetic Blend 10W-30
PACCAR (Kenworth/Peterbilt) PACCAR does not have its own specification qualification. It uses API guidelines.		May use FA-4 in Cummins X15 engines.	ODI Extension from 60,000 miles to 75,000 miles	<b>API CK-4</b> Shell Rotella® T6 Multi-Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40

USE RECOMMENDED VISCOSITY GRADE FOR AMBIENT TEMPERATURE.

**DIESEL PICK-UP**

	<b>CK-4 SPECIFICATION</b>	<b>FA-4 SPECIFICATION</b>	<b>ENGINES ALLOWING FA-4</b>	<b>OIL DRAIN INTERVAL CHANGES</b>	<b>USABLE PRODUCTS</b>
Ford	Ford recommends an oil that meets Ford specification WSS-M2C 171-F1	Not Recommended	Shell T5 Ultra 10W-30 for 3.0L Ford-150 diesel	N/A	<b>Ford WSS-M2C 171-F1</b> Shell Rotella® T6 Full Synthetic 5W-40, 15W-40, 0W-40 (all DPUs, except VM 3.0L off-hwy) Shell Rotella® T5 Premium Synthetic Blend 10W-30, 15W-40 Shell Rotella® T4 Triple Protection® Synthetic Blend 10W-30, 15W-40 Shell Rotella® T3 Fleet 15W-40
Dodge (Cummins) Dodge 3.0L Ecodiesel (VM Motori)	Dodge recommends an oil that meets Cummins CES 20086	Not Recommended	N/A	N/A	<b>Cummins CES 20086</b> Shell Rotella® T6 Multi-Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40 <b>Dodge 3.0L Ecodiesel (VM Motori)</b> Shell Rotella® T6 Full Synthetic 5W-40
GM	GM recommends an oil that meets API CK-4	Not Recommended	N/A	N/A	<b>API CK-4</b> Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40

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**OFF HIGHWAY**

	<b>CK-4 SPECIFICATION</b>	<b>FA-4 SPECIFICATION</b>	<b>ENGINES ALLOWING FA-4</b>	<b>OIL DRAIN INTERVAL CHANGES</b>	<b>USABLE PRODUCTS</b>
Caterpillar	Caterpillar recommends an oil that meets API CK-4 and Caterpillar ECF-3	Not Recommended	N/A	N/A	<b>API CK-4 and Caterpillar ECF-3</b> Shell Rotella® T6 Multi Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 5W-40, 15W-40, 0W-40 (All DPUs, except VM 3.0L off-hwy) Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40
John Deere	John Deere recommends an oil that meets API CK-4	Not Recommended	N/A	N/A	<b>API CK-4</b> Shell Rotella® T6 Multi Vehicle 5W-30 Shell Rotella® T6 Full Synthetic 0W-40, 5W-40 Shell Rotella® T5 Premium Synthetic Blend 15W-40, 10W-30 Shell Rotella® T4 Triple Protection® Synthetic Blend 15W-40, 10W-30 Shell Rotella® T3 Fleet 15W-40
Komatsu	Komatsu recommends an oil that meets API CK-4	Not Recommended	N/A	N/A	
Agco	Agco recommends an oil that meets API CK-4	Not Recommended	N/A	N/A	