FREIGHTLINER CAE DEALER LETTER #157

DATE: September 15, 2015

TO: U.S. / Canadian Dealer Principals, General & Sales Managers, Salespeople
U.S. / Canadian General, Regional, District Sales & Service Managers
Select Daimler Personnel

FROM: Customer Application Engineering

As part of Daimler, Freightliner Trucks is committed to high ethical standards in all business transactions through compliance with the Daimler Integrity Code and our company's policies and guidelines. Freightliner Trucks does not tolerate unethical or corrupt business practices by its employees or its business partners.

TOPICS

- **LUBRICANT** – Eaton Introduces New Synthetic Lubricant Specification
- **APPENDIX** – New Detroit 2016 OBD / 2017 GHG Engine Rating Tabulation

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LUBRICANT

All Models

CD343
P50792

Effective: Chassis Starts on October 5, 2015 at Cleveland TMP
Chassis Starts on November 2, 2015 at Saltillo TMP
Chassis Starts on November 2, 2015 at Mt Holly TMP
Chassis Starts on November 2, 2015 at Santiago TMP

Eaton introduced a new synthetic lubricant specification, *PS-386*, which supersedes their previous specification, *PS-164*, and defines acceptable lubricants for use in their transmission products.

Roadranger® nomenclature will no longer be used to identify Eaton-specific 50W transmission and axle lubricants; compatible lubricants required by the new specification will be selected at the plants automatically. The following table defines the associated Data Code crossover:

Discontinued		Replaced By	
35T-004	Roadranger Synthetic 50W Transmission Lube	35T-003	Synthetic Transmission Lube
40T-005	Roadranger Synthetic 50W Front Axle Lube	40T-003	Synthetic 50W Front Axle Lube

Note that *Roadranger® Synthetic FE 75W-90 Front Axle Lube* (40T-004) will remain in use and is not affected by this change.

Truck Change Orders are being issued for vehicles utilizing 50W transmission or axle lubricants with *Roadranger*® nomenclature as defined in the table above. Orders in the backlog will be price protected to the price of the lube option originally ordered. New orders received after September 28, 2015, will not be price protected for these lube options; long-term concessions do not convey price protection in these situations.

APPENDIX

The following tables detail the calendar-year 2016 "GHG17" Detroit DD13, DD15, and DD16 engine rating Data Codes that were preliminarily discussed in the March 30, 2015 Freightliner Dealer Communication Letter issued by Marketing & Strategy. Truck Change Orders are being issued as required by the upcoming regulatory requirements.

Note that all new calendar-year 2016 "GHG17" DD13, DD15, & DD16 engines will be equipped with the *Delco 12V Mod 3.175-39MT+ OCP Starter with Thermal Protection and Integral Magnetic Switch* (155-074). Also new for DD13-Equipped Cascadia and M2 112 models in 2016 is the *HDEP Variable Speed Coolant Pump and Radiator Drain Valve* (270-019). An *HDEP Fixed Ratio Coolant Pump with Radiator Drain Valve* (270-023) will also be available with the DD13.

CAE Coordinators will be contacting dealers regarding orders with discontinued GHG14 engine rating codes that do not have a direct crossover.

	GHG14 DC	Discontinued GHG14 Ratings (99C-013 2013 OBD / 2010 EPA-CARB / GHG14)	GHG17 DC	New GHG17 Ratings (99C-017 2016 OBD / 2010 EPA-CARB / GHG17)
DD13	101-2TW	DD13 12.8L 350 HP @ 1800 RPM, 2080 GOVRPM, 1350 LB/FT @ 1100 RPM	101-2X1	DD13 12.8L 350 HP @ 1625 RPM, 1900 GOV RPM, 1350 LB/FT @ 975 RPM
	101-2TC	DD13 12.8L 370 HP @ 1800 RPM, 2080 GOVRPM, 1250 LB/FT @ 1100 RPM	101-2X4	DD13 12.8L 370 HP @ 1625 RPM, 1900 GOV RPM, 1250 LB/FT @ 975 RPM
	101-2TX	DD13 12.8L 380 HP @ 1800 RPM, 2080 GOVRPM, 1350 LB/FT @ 1100 RPM	Discontinued	
	101-2TD	DD13 12.8L 380 HP @ 1800 RPM, 2080 GOVRPM, 1450 LB/FT @ 1100 RPM	101-2X3	DD13 12.8L 380 HP @ 1625 RPM, 1900 GOV RPM, 1450 LB/FT @ 975 RPM
	101-2TJ	DD13 12.8L 380 HP @ 1800 RPM, 2080 GOVRPM, 1350/1550 LB/FT @ 1100 RPM, M-T	Discontinued	
	101-2TY	DD13 12.8L 410 HP @ 1800 RPM, 2080 GOVRPM, 1450 LB/FT @ 1100 RPM	101-2X5	DD13 12.8L 410 HP @ 1625 RPM, 1900 GOV RPM, 1450 LB/FT @ 975 RPM
	101-2TE	DD13 12.8L 410 HP @ 1800 RPM, 2080 GOVRPM, 1550 LB/FT @ 1100 RPM	101-2X6	DD13 12.8L 410 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
	101-2TG	DD13 12.8L 410 HP @ 1800 RPM, 2080 GOVRPM, 1650 LB/FT @ 1100 RPM	101-2X7	DD13 12.8L 410 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
	101-2TK	DD13 12.8L 410 HP @ 1800 RPM, 2080 GOVRPM, 1450/1650 LB/FT @ 1100 RPM, M-T	101-2YD	DD13 12.8L 410 HP @ 1625 RPM, 1900 GOV RPM, 1450/1650 LB/FT @ 975 RPM, MULTI-TORQUE
	101-2TF	DD13 12.8L 435 HP @ 1800 RPM, 2080 GOVRPM, 1550 LB/FT @ 1100 RPM	101-2X8	DD13 12.8L 435 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
	101-2T0	DD13 12.8L 450 HP @ 1800 RPM, 2080 GOVRPM, 1550 LB/FT @ 1100 RPM	101-2X9	DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
	101-2T1	DD13 12.8L 450 HP @ 1800 RPM, 2080 GOVRPM, 1650 LB/FT @ 1100 RPM	101-2YA	DD13 12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
	101-2Y0	DD13 12.8L 450 HP @ 1800 RPM, 2080 GOVRPM, 1450/1650 LB/FT @ 1100 RPM, M-T	Discontinued	
	101-2TH	DD13 12.8L 470 HP @ 1800 RPM, 2080 GOVRPM, 1650 LB/FT @ 1100 RPM	101-2YB	DD13 12.8L 470 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
DD15	101-2XT	DD15 14.8L 400 HP @ 1625 RPM, 1900GOV RPM, 1750 LB/FT @ 975 RPM	101-2XT	DD15 14.8L 400 HP @ 1625 RPM, 1900 GOV RPM, 1750 LB/FT @ 975 RPM
	101-2V3	DD15 14.8L 505 HP @ 1800 RPM, 2000 GOVRPM, 1550/1750 LB/FT@1100 RPM, M-T	Discontinued	
	101-2VD	DD15 14.8L 455 HP @ 1800 RPM, 2000GOV RPM, 1550 LB/FT @ 1100 RPM	101-2YE	DD15 14.8L 455 HP @ 1625 RPM, 1900 GOV RPM, 1550 LB/FT @ 975 RPM
	101-2VE	DD15 14.8L 455/475 HP @ 1800 RPM, 2000GOV RPM, 1550 LB/FT @ 1100 RPM, C/P	Discontinued	
	101-2VF	DD15 14.8L 455 HP @ 1800 RPM, 2000GOV RPM, 1650 LB/FT @ 1100 RPM	101-2YF	DD15 14.8L 455 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
	101-2VG	DD15 14.8L 475 HP @ 1800 RPM, 2000 GOVRPM, 1650 LB/FT @ 1100 RPM	101-2YG	DD15 14.8L 475 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
	101-2VH	DD15 14.8L 505 HP @ 1800 RPM, 2000GOV RPM, 1650 LB/FT @ 1100 RPM	101-2YH	DD15 14.8L 505 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM
	101-2VJ	DD15 14.8L 455 HP @ 1800 RPM, 2000GOV RPM, 1550/1750 LB/FT@1100 RPM,M-T	101-2YK	DD15 14.8L 455 HP @ 1625 RPM, 1900 GOV RPM, 1550/1750 LB/FT @ 975 RPM, MULTI-TORQUE
	101-2VT	DD15 14.8L 475/505 HP @ 1800 RPM,2000 GOV RPM, 1650 LB/FT @ 1100 RPM, C/P	101-2YJ	DD15 14.8L 475/505 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM, CRUISE POWER
			101-2XW	DD15 14.8L 505 HP @ 1625 RPM, 1900 GOV RPM, 1750 LB/FT @ 975 RPM

	GHG14 DC	Discontinued GHG14 Ratings (99C-013 2013 OBD / 2010 EPA-CARB / GHG14)	GHG17 DC	New GHG17 Ratings (99C-017 2016 OBD / 2010 EPA-CARB / GHG17)
DD15 TC	101-2V6	DD15 TC 14.8L 455 HP @ 1800 RPM,2000 GOV RPM, 1550 LB/FT @ 1100 RPM	Discontinued	
	101-2V7	DD15 TC 14.8L 455/475 HP @ 1800 RPM,2000 GOV RPM, 1550 LB/FT @ 1100 RPM,C/P	Discontinued	
	101-2V8	DD15 TC 14.8L 455 HP @ 1800 RPM,2000 GOV RPM, 1650 LB/FT @ 1100 RPM	Discontinued	
	101-2V9	DD15 TC 14.8L 475 HP @ 1800 RPM,2000 GOV RPM, 1650 LB/FT @ 1100 RPM	Discontinued	
	101-2WA	DD15 TC 14.8L 505 HP @ 1800 RPM,2000 GOV RPM, 1650 LB/FT @ 1100 RPM	Discontinued	
	101-2WB	DD15 TC 14.8L 455 HP @ 1800 RPM, 2000 GOV RPM, 1550/1750 LB/FT@1100 RPM, M-T	Discontinued	
	101-2WC	DD15 TC 14.8L 475/505 HP @ 1800 RPM,2000 GOV RPM, 1650 LB/FT@ 1100 RPM, C/P	Discontinued	
	101-2V1	DD15 TC 14.8L 505 HP @ 1800 RPM, 2000 GOV RPM, 1550/1750 LB/FT@1100 RPM, M-T	Discontinued	
DD16	101-2NK	DD16 15.6L 500 HP @ 1800 RPM, 2000 GOVRPM, 1850 LB/FT @ 1100 RPM	101-2YN	DD16 15.6L 500 HP @ 1800 RPM, 2080 GOV RPM, 1850 LB/FT @ 975 RPM
	101-2NN	DD16 15.6L 600 HP @ 1800 RPM, 2000 GOVRPM, 1850 LB/FT @ 1100 RPM	101-2YT	DD16 15.6L 600 HP @ 1800 RPM, 2080 GOV RPM, 1850 LB/FT @ 975 RPM
	101-2NP	DD16 15.6L 600 HP @ 1800 RPM, 2000 GOVRPM, 2050 LB/FT @ 1100 RPM	101-2YW	DD16 15.6L 600 HP @ 1800 RPM, 2080 GOV RPM, 2050 LB/FT @ 975 RPM
	101-2R0	DD16 15.6L 500 HP @ 1800 RPM, 2000 GOVRPM, 2050 LB/FT @ 1100 RPM	Discontinued	
	101-2TB	DD16 15.6L 500 HP @ 1800 RPM, 2000 GOVRPM, 1850/2050 LB/FT @ 1100 RPM, M-T	Discontinued	
	101-2VM	DD16 15.6L 475 HP @ 1800 RPM, 2000 GOVRPM, 1850 LB/FT @ 1100 RPM	Discontinued	
	101-2VN	DD16 15.6L 530 HP @ 1800 RPM, 2000 GOVRPM, 1850 LB/FT @ 1100 RPM	101-2YP	DD16 15.6L 530 HP @ 1800 RPM, 2080 GOV RPM, 1850 LB/FT @ 975 RPM
	101-2VR	DD16 15.6L 560 HP @ 1800 RPM, 2000 GOVRPM, 1850 LB/FT @ 1100 RPM	101-2YR	DD16 15.6L 560 HP @ 1800 RPM, 2080 GOV RPM, 1850 LB/FT @ 975 RPM
	101-2V0	DD16 15.6L 560 HP @ 1800 RPM, 2000 GOVRPM, 2050 LB/FT @ 1100 RPM	101-2YV	DD16 15.6L 560 HP @ 1800 RPM, 2080 GOV RPM, 2050 LB/FT @ 975 RPM