LGT TRANSPORT LLC **DOT #:** 2271553	**Vehicle ID:** DSFD7770 **Truck Make:** FREIGHTLINER **Truck Model:** DETROIT **Vehicle Year:** NA **FleetID:** NA **Component Description:**	**Component ID:** DSFD7770DSGENERAL **Component Make:** DETROIT DEISEL **Component Model:** DD15 **Component Year:** NA **Component Type:** DIESEL ENGINE **Sump Capacity:** 30 Quarts	**SPEEDCO 324** 2110 EAST FWY BAYTOWN TX 77521 281-424-7267

Sample ID	Date Taken	Miles on Component	Miles on Oil	Oil Weight	Oil Brand	Oil Type	Oil Changed	Date Analyzed	User Sample ID
272809	12/22/2016	565101	15000	15W40	SHELL	ROTELLA T	No	12/22/2016	

Comments: ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT. PHYSICAL PROPERTIES OF THE OIL ARE WITHIN SPECIFICATIONS. EXTENDED OIL DRAIN INTERVAL MAY BE CONSIDERED. RESAMPLE AT NEXT SERVICE INTERVAL TO ESTABLISH A TREND. THIS TEST WAS PERFORMED USING A CALCULATED VISCOSITY READING. DIESEL FUEL CAN BE DIFFICULT TO IDENTIFY IN DIESEL OIL SINCE THEY ARE REFINED FROM SIMILAR OIL STOCKS.

	Wear Metals(ppm)							Contaminant Metals (ppm)			Multi-Source Metals (ppm)					Additives (ppm)				
Sample ID	Iron	Chromium	Aluminum	Copper	Lead	Tin	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Nickel	Manganese	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
272809	14	<2	3	7	3	4	X	5	9	7	X	2	X	X	X	X	X	X	X	X

	Contaminants				Physical Properties								
Sample ID	Fuel	Soot	Water	Glycol	Nitration	TBN	Oxidation	V40C	V100C	VIndex	V40C Limit	V100C Limit	Visc Mode
272809	-	0.7	<0.1	-	<2.0	8.0	6.8	110	14.6	136	92 - 124	12.5 - 15.3	C

ABNORMAL | SEVERE | D = DETECTED | - = NOT DETECTED | X = NOT TESTED / NOT APPLICABLE | NA = NOT AVAILABLE | C = CALCULATED | M = MEASURED