



P.O. NUMBER CC: MC  
 CODE: 63/18747/37

UNIT NUMBER WHT LGHTNG  
 REPORT DATE: 5/4/05  
 LAB NUMBER: C43914

## OIL REPORT

<b>CLIENT</b>	CONTACT:	PHONE: (580) 563-9144
	NAME: TROY DRIGGERS	FAX:
	ADDRESS: P.O. BOX 492	E-MAIL: phyxer@longviewcomm.net
	620 COFFEE BLAIR, OK 73526	

<b>UNIT</b>	EQUIPMENT MAKE: Cummins	OIL USE INTERVAL: 2,600 Miles
	EQUIPMENT MODEL: M-11	OIL TYPE & GRADE: Shell Rotella T 15W/40
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

**COMMENTS**  
 TROY: Wow! This oil is so clean, it almost looks unused. Universal averages show typical wear from this engine after 13,000 miles on the oil. Your wear is much lower than averages. Your maintenance schedule is leaving you with a perfect Cummins engine that has no problems on the horizon. At this rate, it will outlast us all. The oil was in good shape physically, containing no moisture, fuel, or coolant. The air and oil filters are working well too. If you keep your current oil change routine, you should start selling this oil to your neighbors. It's practically new!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR ON OIL	2,600	<b>UNIT / LOCATION AVERAGES</b>							<b>UNIVERSAL AVERAGES</b>
	MI/HR ON UNIT	584,822								
	SAMPLE DATE	04/13/05								
ALUMINUM	1	1								2
CHROMIUM	1	1								4
IRON	6	6								27
COPPER	1	1								3
LEAD	0	0								3
TIN	0	0								1
MOLYBDENUM	0	0								20
NICKEL	0	0								0
MANGANESE	0	0								0
SILVER	0	0								0
TITANIUM	0	0								0
POTASSIUM	0	0								1
BORON	1	1								60
SILICON	2	2								5
SODIUM	2	2								15
CALCIUM	3276	3276								2550
MAGNESIUM	9	9								343
PHOSPHORUS	1115	1115								1061
ZINC	1229	1229								1233
BARIUM	0	0								0

<b>PROPERTIES</b>	TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					69-80	>410	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					76.8	435	<0.5	0.0	0.0	0.3