



P.O. NUMBER Prepaid
 CODE: 22/13731/16

UNIT NUMBER 03 F350
 REPORT DATE: 7/26/04
 LAB NUMBER: C23198

OIL REPORT

CLIENT	CONTACT:	PHONE: (310) 371-5696
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UNIT	EQUIPMENT MAKE: Navistar	OIL USE INTERVAL: 5,265 Miles
	EQUIPMENT MODEL: 6.0L Power Stroke	OIL TYPE & GRADE: Shell Rotella T 15W/40
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS
 HARRY: Wear levels continue to improve with this sample from your engine. Silicon also dropped down, reaching the average level for this engine. The minor amount of fuel we found is probably related to the operation of the engine (idling or city driving), and not a problem at this level. If fuel gets above 2.0%, we consider that to show a possible fuel system problem. The viscosity read in the 30W range, which is common for these 6.0 Power Strokes, even without any fuel in the oil, and not a concern. We'll keep an eye on this next sample. Everything else looks good.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	5,265	UNIT / LOCATION AVERAGES	5,014	5,351				
	MI/HR ON UNIT	15,630		10,365	5,351				UNI VERSAL AVERAGES
	SAMPLE DATE	07/18/04		01/26/04	10/15/03				
ALUMINUM	2	3	3	3					2
CHROMIUM	1	1	1	2					1
IRON	38	56	42	89					24
COPPER	8	13	10	20					5
LEAD	3	5	3	8					3
TIN	1	2	2	3					1
MOLYBDENUM	1	4	6	4					7
NICKEL	1	1	0	1					0
MANGANESE	1	2	1	4					1
SILVER	0	0	0	1					0
TITANIUM	0	0	0	0					0
POTASSIUM	5	18	13	36					6
BORON	33	69	172	2					58
SILICON	24	72	44	148					26
SODIUM	3	5	4	9					3
CALCIUM	3515	2971	2727	2670					3014
MAGNESIUM	34	74	173	16					95
PHOSPHORUS	1082	1013	902	1055					1041
ZINC	1254	1141	986	1182					1182
BARIIUM	4	6	12	1					3

PROPERTIES	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					69-78	>410	<2.0	0	0.0	<0.7
	TESTED VALUES WERE					62.9	405	0.5	0.0	0.0	0.5