



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

UNIT NUMBER 03 F350
 REPORT DATE: 1/3/05
 LAB NUMBER: C34792

OIL REPORT

CLIENT	CONTACT:	PHONE: (310) 371-5696
	NAME: HARRY STUVER	FAX:
	ADDRESS: 5406 TOWERS ST TORRANCE, CA 90503	E-MAIL: blackstone@stuver.com

UNIT	EQUIPMENT MAKE: Navistar	OIL USE INTERVAL: 7,870 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	<p>HARRY: Nothing too unusual showed up in the latest sample from your Power Stroke. This oil was run longer than any so far, so we expected to see wear increase slightly. Iron was really the only element significantly above average, though we expect this to increase with a longer oil use, so it isn't a big concern. All other metals look fine. Fuel dilution increased to 1.0%. This is still below our problem level, but something we will keep an eye on next time. Other than that, everything looks great. No moisture, anti-freeze, or excess soot showed up.</p>
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ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	7,870	UNIT / LOCATION AVERAGES	5,265	5,014	5,351			UNI VERSAL AVERAGES
	MI/HR ON UNIT	23,500		15,630	10,365	5,351			
	SAMPLE DATE	12/24/04		07/18/04	01/26/04	10/15/03			
ALUMINUM	3	3	2	3	3			2	
CHROMIUM	1	1	1	1	2			1	
IRON	45	54	38	42	89			24	
COPPER	6	11	8	10	20			4	
LEAD	4	5	3	3	8			3	
TIN	2	2	1	2	3			1	
MOLYBDENUM	2	3	1	6	4			7	
NICKEL	1	1	1	0	1			0	
MANGANESE	1	2	1	1	4			0	
SILVER	0	0	0	0	1			0	
TITANIUM	0	0	0	0	0			0	
POTASSIUM	6	15	5	13	36			5	
BORON	10	54	33	172	2			39	
SILICON	12	57	24	44	148			22	
SODIUM	3	5	3	4	9			3	
CALCIUM	3600	3128	3515	2727	2670			3080	
MAGNESIUM	12	59	34	173	16			85	
PHOSPHORUS	1124	1041	1082	902	1055			1058	
ZINC	1303	1181	1254	986	1182			1203	
BARIIUM	1	5	4	12	1			2	

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					69-80	>410	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					62.5	400	1.0	0.0	0.0	0.4