



OIL REPORT

LAB NUMBER: E38681

UNIT ID: WHITEY

REPORT DATE: 12/17/2010

CLIENT ID: 42988

CODE: 20/75

PAYMENT: Prepaid

UNIT	MAKE/MODEL: Navistar 6.4L V-8 Power Stroke Twin T	OIL TYPE & GRADE: Motorcraft 15W/40
	FUEL TYPE: Diesel	OIL USE INTERVAL: 3,399 Miles
	ADDITIONAL INFO: 2008 F350	

CLIENT	STANLEY ZYLOWSKI	PHONE: (770) 328-2778
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COMMENTS	STANLEY: This oil was in use a couple thousand miles less than last time, which explains the lower wear metals. Lead isn't normally a metal that tracks with time on the oil, so it's nice to see it drop back to a more normal level here. The bearings have apparently recovered nicely from the hard use the engine saw last time. The only cautionary piece of this report is fuel at 6.0%. This level is more than we see from merely taking the sample cold or city driving. Watch your oil level for any increases. If you see that, you know you've got a problem. Check back in 3,000-4,000 miles.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,399	UNIT / LOCATION AVERAGES	5,396	3,776				UNIVERSAL AVERAGES
	MI/HR on Unit			24,903	19,931				
	Sample Date	12/11/10		08/28/10	07/27/10				
	Make Up Oil Added	0 qts		0 qts					
	ALUMINUM	6	9	8	13				13
	CHROMIUM	1	1	1	1				1
	IRON	36	38	41	37				30
	COPPER	1	1	1	2				2
	LEAD	2	4	5	5				2
	TIN	1	1	0	1				1
	MOLYBDENUM	3	5	5	6				19
	NICKEL	1	1	1	1				1
	MANGANESE	0	0	0	1				0
	SILVER	0	0	0	0				0
	TITANIUM	0	1	1	1				0
	POTASSIUM	15	19	11	32				12
	BORON	19	12	6	11				49
	SILICON	5	6	6	7				6
	SODIUM	3	3	4	3				4
	CALCIUM	2027	2119	2091	2238				1704
	MAGNESIUM	9	9	9	8				285
	PHOSPHORUS	905	925	894	976				926
	ZINC	1002	1054	1019	1141				1117
	BARIUM	2	8	13	10				2

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	69.5	65-75	66.9	64.8			
	cSt Viscosity @ 100°C	12.83	11.6-14.5	12.12	11.56			
	Flashpoint in °F	350	>410	385	400			
	Fuel %	6.0	<2.0	2.5	1.0			
	Antifreeze %	?	0	0.0	?			
	Water %	0.0	0.0	0.0	0.0			
	Insolubles %	0.4	<0.7	0.3	0.2			
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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