



# OIL REPORT

LAB NUMBER: D44627  
 REPORT DATE: 7/3/2008  
 CODE: 20/12

UNIT ID: 06 F350  
 CLIENT ID: 25789  
 PAYMENT: CC: Visa (Bulk)

<b>UNIT</b>	MAKE/MODEL: Navistar 6.0L Power Stroke	OIL TYPE & GRADE: Diesel Engine Oil
	FUEL TYPE: Diesel	OIL USE INTERVAL: 11,000 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	SCOT BAIRD	PHONE:
	C&J SERVICES INC	FAX:
	210 ISBELL	ALT PHONE:
	HOWELL, MI 48843-2029	EMAIL: scotbaird@comcast.net

**COMMENTS** SCOT: We didn't have enough oil to test the flash point for fuel this time, but if any was present, there wasn't much. The viscosity was about the same as it's been, and it's pretty typical to have it read in the 30W range, in this type of engine. You ran this oil more miles than the last and iron wear actually improved, which is impressive. Iron tends to go up the longer you run the oil, so you must be doing something right. Insolubles were low at 0.3%, so the oil filtration system, is still getting the job done. Try 12,000 miles, if you're interested. The engine can take it!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	11,000	<b>UNIT / LOCATION AVERAGES</b>	10,000	10,000		12,500	7,400	<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	78,000		67,000	56,500		45,500		
	Sample Date	06/30/08		03/21/08	12/12/07	08/31/07	08/23/07	07/11/07	
	Make Up Oil Added	2 qts		0 qts	0 qts		2 qts	0 qts	
ALUMINUM	4	3	4	3	4	4	3	3	
CHROMIUM	2	2	2	3	3	2	1	1	
IRON	51	40	53	48	52	46	31	22	
COPPER	3	3	3	3	5	4	3	3	
LEAD	5	5	4	5	7	6	3	3	
TIN	1	1	1	1	3	2	1	1	
MOLYBDENUM	24	13	13	7	18	18	4	33	
NICKEL	1	1	1	1	1	1	0	0	
MANGANESE	1	1	1	0	1	1	0	0	
SILVER	0	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	0	0	
POTASSIUM	7	4	4	6	6	3	3	3	
BORON	15	10	6	17	6	8	6	36	
SILICON	4	6	4	5	9	7	6	14	
SODIUM	2	2	2	3	3	4	3	3	
CALCIUM	2631	2950	3450	2469	3022	3338	3263	3044	
MAGNESIUM	9	9	10	6	12	9	9	87	
PHOSPHORUS	1106	1156	1315	1062	1194	1201	1271	1123	
ZINC	1299	1329	1462	1218	1211	1448	1510	1293	
BARIUM	0	0	0	0	0	0	0	2	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	64.5		60.6	68.6	61.3	61.1	62.8
	cSt Viscosity @ 100°C	11.46		10.39	12.59	10.59	10.52	11.00
	Flashpoint in °F	SHORT	>415	410	390	390	370	420
	Fuel %	-	<2.0	TR	2.5	2.5	4.5	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.3	<0.6	0.2	0.2	0.3	0.3	0.3
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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