



P.O. NUMBER CC: Visa (Bulk)  
 CODE: 20/25789/12

UNIT NUMBER 06 F350  
 REPORT DATE: 8/28/07  
 LAB NUMBER: D15174

## OIL REPORT

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

<b>UNIT</b>	EQUIPMENT MAKE: Navistar	OIL USE INTERVAL: 12,500 Miles
	EQUIPMENT MODEL: 6.0L Power Stroke	OIL TYPE & GRADE: Diesel Engine Oil
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 2 qts
	ADDITIONAL INFO:	

**COMMENTS**  
 SCOT: We found some fuel in the oil this time. You can get some fuel in the oil from normal city driving and idling conditions, and when there's 2.0% or less, we usually figure that's where it's coming from. In this sample we found 4.5%, which is enough to wonder if you have a leaking injector. Have you noticed the oil level rising? If so you probably have a problem. Iron increased but this is probably due to the 12,500-mile oil change. You may have found the ceiling on how long you can run your oil. Try 10,000 miles next time for another look at iron and fuel.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR ON OIL	12,500	<b>UNIT / LOCATION AVERAGES</b>	7,400	5,000	5,000	<b>UNIVERSAL AVERAGES</b>
	MI/HR ON UNIT	45,500			33,000	28,000	
	SAMPLE DATE	08/23/07		07/11/07	04/30/07	03/12/07	
ALUMINUM	4	3	3	2	3	3	
CHROMIUM	2	1	1	1	1	1	
IRON	46	30	31	17	25	22	
COPPER	4	3	3	2	4	3	
LEAD	6	5	3	3	9	3	
TIN	2	1	1	0	1	1	
MOLYBDENUM	18	10	4	6	11	30	
NICKEL	1	0	0	0	0	0	
MANGANESE	1	0	0	0	0	0	
SILVER	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	
POTASSIUM	3	2	3	0	0	4	
BORON	8	8	6	17	2	33	
SILICON	7	7	6	5	10	11	
SODIUM	4	2	3	1	1	3	
CALCIUM	3338	3007	3263	2399	3028	3118	
MAGNESIUM	9	10	9	9	11	83	
PHOSPHORUS	1201	1143	1271	1037	1064	1120	
ZINC	1448	1360	1510	1207	1273	1284	
BARIUM	0	1	0	0	2	2	

<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						>415	<2.0	0.0	0.0	<0.6
	TESTED VALUES WERE					61.1	370	4.5	0.0	0.0	0.3