



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

UNIT NUMBER 06 F350
 REPORT DATE: 9/6/07
 LAB NUMBER: D16046

OIL REPORT

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

UNIT	EQUIPMENT MAKE: Navistar	OIL USE INTERVAL: Miles
	EQUIPMENT MODEL: 6.0L Power Stroke	OIL TYPE & GRADE: Diesel Engine Oil
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED:
	ADDITIONAL INFO:	

COMMENTS
 SCOT: Fuel dilution improved slightly in this sample, though it's still in the cautionary range at 2.5%. If this oil was a 10W/40 or a 15W/40, then viscosity would be low, though this may not be directly related to the fuel. This type of engine has a natural tendency to shear down an oil, so that could account for some of the lower viscosity. No anti-freeze or excess soot was present, though wear metals increased. Neither iron nor lead is high enough to think you have a major mechanical problem developing, though they are worth monitoring. Everything else looks okay.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL		UNIT / LOCATION AVERAGES	12,500	7,400	5,000	5,000	UNIVERSAL AVERAGES
	MI/HR ON UNIT			45,500		33,000	28,000	
	SAMPLE DATE	08/31/07		08/23/07	07/11/07	04/30/07	03/12/07	
ALUMINUM	4	3	4	3	2	3	3	
CHROMIUM	3	2	2	1	1	1	1	
IRON	52	34	46	31	17	25	22	
COPPER	5	4	4	3	2	4	3	
LEAD	7	6	6	3	3	9	3	
TIN	3	1	2	1	0	1	1	
MOLYBDENUM	18	11	18	4	6	11	30	
NICKEL	1	0	1	0	0	0	0	
MANGANESE	1	0	1	0	0	0	0	
SILVER	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	0	
POTASSIUM	6	2	3	3	0	0	4	
BORON	6	8	8	6	17	2	33	
SILICON	9	7	7	6	5	10	11	
SODIUM	3	2	4	3	1	1	3	
CALCIUM	3022	3010	3338	3263	2399	3028	3117	
MAGNESIUM	12	10	9	9	9	11	83	
PHOSPHORUS	1194	1153	1201	1271	1037	1064	1120	
ZINC	1211	1330	1448	1510	1207	1273	1284	
BARIUM	0	0	0	0	0	2	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							>415	<2.0	0.0	0.0	<0.6
	TESTED VALUES WERE					61.3	390	390	2.5	0.0	0.0	0.3