



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

UNIT NUMBER 06 F350
 REPORT DATE: 5/7/07
 LAB NUMBER: D04415

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: 5,000 Miles
	EQUIPMENT MODEL: 6.0L Power Stroke	OIL TYPE & GRADE: Diesel Engine Oil
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO:	

COMMENTS
 SCOT: We turned up 1.0% diesel fuel in the oil of this sample, but that is a fairly common find for the 6.0L that powers your F-350. The low viscosity (not too low, just lower than most 15W/40s we see) is from the fuel and oil additive shearing, another characteristic of the 6.0L. We were hoping the lead found in the last sample was from a particle streak through the bearings, and it appears that is what it was. Lead reads normally here so you are good to go for longer oil use miles. Push on up to 6,000 miles for the next sample. We will advise further after that.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	5,000	UNIT / LOCATION AVERAGES	5,000							UNIVERSAL AVERAGES
	MI/HR ON UNIT	33,000		28,000							
	SAMPLE DATE	04/30/07		03/12/07							
ALUMINUM	2	3	3								3
CHROMIUM	1	1	1								1
IRON	17	21	25								23
COPPER	2	3	4								3
LEAD	3	6	9								3
TIN	0	1	1								1
MOLYBDENUM	6	9	11								30
NICKEL	0	0	0								0
MANGANESE	0	0	0								0
SILVER	0	0	0								0
TITANIUM	0	0	0								0
POTASSIUM	0	0	0								4
BORON	17	10	2								32
SILICON	5	8	10								11
SODIUM	1	1	1								3
CALCIUM	2399	2714	3028								3137
MAGNESIUM	9	10	11								81
PHOSPHORUS	1037	1051	1064								1117
ZINC	1207	1240	1273								1280
BARIUM	0	1	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					67-78	>415	<2.0	0.0	0.0	<0.6
	TESTED VALUES WERE					65.6	405	1.0	0.0	0.0	0.3