



Company: DIESEL PERFORMANCE
Address: 2493 COMMERCE BLVD
Phone: 970-255-0126
Email: DAN.JOHNSON@DIESELPERFORMANCE

City: GRAND JUNCTION
State: COLO
Zip Code: 81505
Fax: 970-255-1292

Dannar Analysis
 587 29 1/4 Road
Grand Junction CO **81504**
Phone: 970-263-7797
Fax:

Truck Make: KENWORTH
Truck Model: W900
Sump Capacity: 10 Gallons

Fleet Unit ID: 3R703931
Engine Make: CATERPILLAR
Engine Model: C-15

VIN#: 6NZ71475
Test Date: 04/10/2012
Truck Year: 2002
Equipment: Diesel Engine

Date Taken:	WEAR METALS (in Parts per Million):																			Viscosity Mode: V 100 Only											
	Iron	Chromium	Lead	Copper	Tin	Aluminum	Nickel	Moly:	Titanium	Manganese	Vanadium	Silicon	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc	Sodium	Potassium	Water	Oxidation	Soot	Glycol	Fuel	TBN	Nitration	V100C	V100C 12.5 - 16.		
04/06/2012																															
Sample ID:	9295																														
Oil Brand:	CHEVRON																														
Oil Type:	Delo 400	35	<2	4	5	3	3	0	37	0	0	3	38	190	142	2263	0	1347	1386	15	6	<0.1	6.7	0.8	-	-	7.4	<2	14.6		
Oil Weight:	15W40	N	N	N	N	N	N	N	N	N	N	A	N	N	N	N	N	N	N	N	N	N	N	ND	N	N	N	N	N		
Miles on Unit:	964304	ALL ENGINE WEAR RATES NORMAL. SILICON MOST LIKELY FROM SOURCE OTHER THAN DIRT, POSSIBLY ENGINE SEALANT (GASKET MATERIAL) AND/OR OIL ADDITIVE. RESAMPLE AT 1/2 NORMAL INTERVAL TO CONFIRM.																													
Miles on Oil:	15000																														
01/03/2012																															
Sample ID:	9294																														
Oil Brand:	CHEVRON																														
Oil Type:	Delo 400	27	<2	<2	25	<2	<2	0	36	0	0	6	4	94	842	1904	0	1248	1346	11	12	<0.1	7.0	0.7	-	-	8.8	<2	14.2		
Oil Weight:	15W40	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	ND	N	N	N	N	N		
Miles on Unit:	48915	ALL ENGINE WEAR RATES NORMAL. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. ANALYSIS INDICATES PROPER PERFORMANCE OF THE LUBRICANT AND UNIT. EXTENDED OIL DRAIN INTERVAL MAY BE CONSIDERED.																													
Miles on Oil:	15000																														
11/12/2011																															
Sample ID:	9060																														
Oil Brand:	CHEVRON																														
Oil Type:	Delo 400	55	<2	4	209	7	4	0	68	0	0	0	19	212	451	1825	0	1685	1623	14	<2	<0.1	4.4	1.1	-	<2.0	6.4	3.5	110	14.6	13
Oil Weight:	15W40	N	N	N	S	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	ND	N	N	N	N	N		
Miles on Unit:	919420	HIGH COPPER POSSIBLY DUE TO BUSHING WEAR INDICATED. WITH NO SIGNIFICANT LEAD OR TIN PRESENT, COPPER MOST LIKELY FROM SOURCE OTHER THAN WEAR, POSSIBLY OIL ADDITIVE. SAMPLE APPEARS FREE OF EXTERNAL CONTAMINATION. CHECK FOR LOW OIL PRESSURE AND ABNORMAL NOISE. DRAIN OIL AND CHANGE FILTER IF NOT ALREADY DONE. RESAMPLE AT 1/2 NORMAL INTERVAL TO CONFIRM. THIS TEST USES CALCULATED VISCOSITY READINGS. DIESEL FUEL CONTAMINATION MAY NOT BE DETECTED IN THIS SAMPLE REPORT UNLESS USING AN ACTUAL VISCOMETER.																													
Miles on Oil:	15000																														