


Sample No: 312 Job No.: Sampled: 6/ 6/99 Received: 13/ 8/99
 Machine Hrs: 2000 HR Form No: 316527 Oil Hrs: 100 HR Brand: MOTOR OIL Grade: 15-40

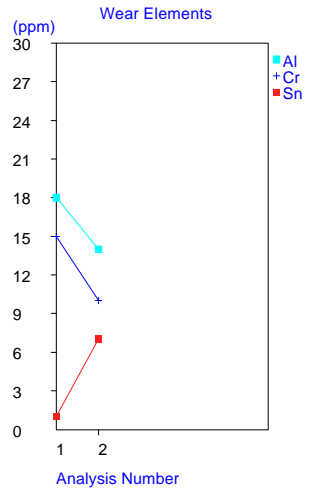
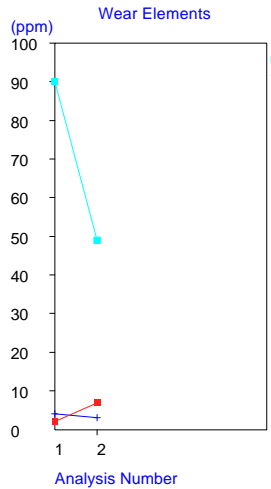
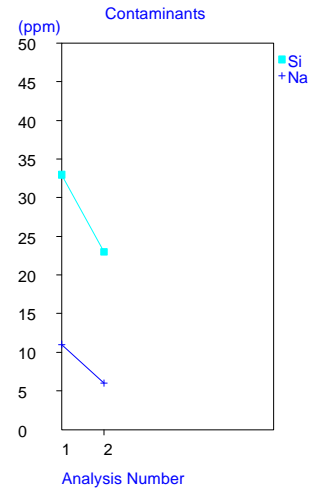
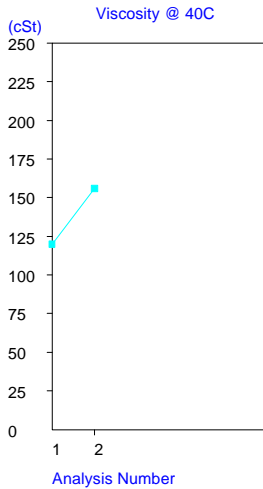
Diagnosis
DIRT INGRESS EVIDENT WHICH IS CAUSING ABNORMAL UPPER CYLINDER WEAR. THE OIL HAS THICKENED OWING TO HEAVY BLOW-BY THUS MASKING THE EFFECTS OF THE FUEL DILUTION. ADVISE CHECK THE AIR INDUCTION SYSTEM AND FUEL SYSTEM. CHANGE OIL AND FILTER.



An No.	Sample Date	Oil Condition												Additive Elements ppm				
		Visc. 40°C	OC	Disper-sancy	Water	Glycol	Fuel	Initial pH	TAN	Oxida-tion	TBN	Soot	Visc. 100°C	Ba	Ca	Mg	P	Zn
2	6/ 6/99	156	29	G	0.13	N	C	n/a	n/a	n/a	9.0	2.8	16.90	3	2610	244	970	1050
1	6/ 8/97	120	14	G	N	N	N	n/a	n/a	n/a	9.6	0.4	14.40	3	2899	286	974	1054

An No.	Sample Date	Elemental Analysis - Contamination & Wear Metals ppm																		
		B	Na	Si	K	Li	Al	Cr	Cu	Fe	Pb	Sn	Mo	Ni	Ti	Ag	Mn	V	Oil Chg	Oil Age
2	6/ 6/99	14	6	23	< 1	< 1	14	10	3	49	7	7	10	< 1	< 1	< 1	12	< 1		100
1	6/ 8/97	12	11	33	< 1	< 1	18	15	4	90	2	1	19	< 1	< 1	< 1	12	< 1	Y	300

Key : Normal Caution Serious



F.A.O. MR EXAMPLE
 ABC LTD
 1234 NORTH ROAD
 ANYTOWN
 ANYCOUNTY
 LL30 1SA

Signed : Peter Whitmarsh
 Reference : 233901/SAMPLE/1/WC/E
 Date : 23/ 3/2000

Location:
 T JONES
 SOUTH VIEW