



Database:

Equipment:

Area:

Point:

Ref Oil	No Reference Oil (FILTERED)				
Lab Unit ID	13/04/2015	23/03/2015	04/03/2015	09/02/2015	08/01/2015
Sample Date	1657025	1649701	1647612	1633708	1629808
Sample #					
Unit Usage - hrs					
Oil Usage - hrs					
Oil Added - gus					

NORMAL

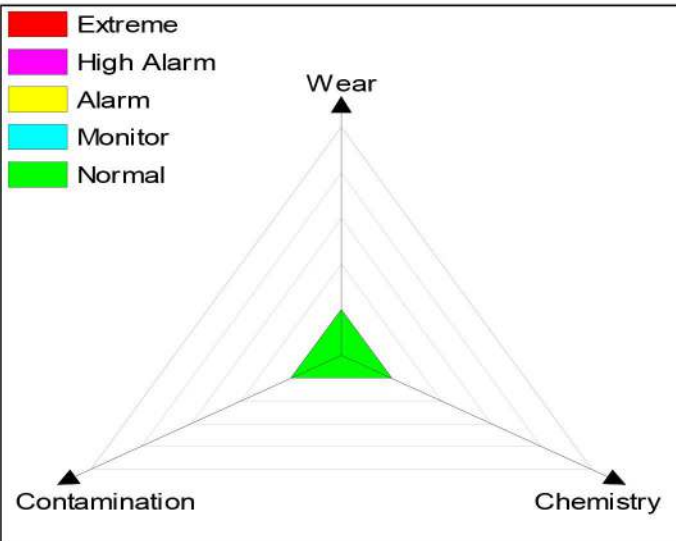
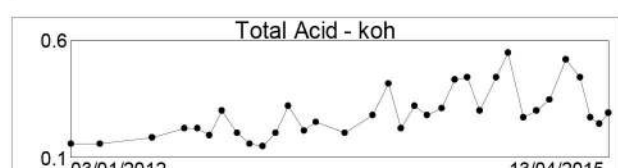
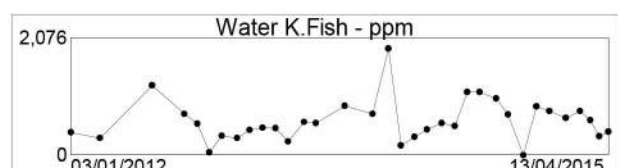
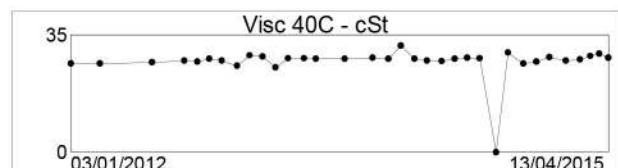
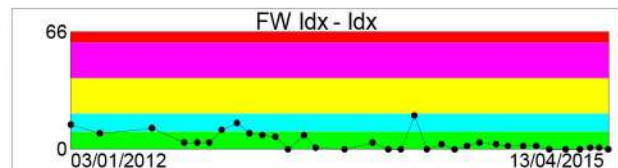
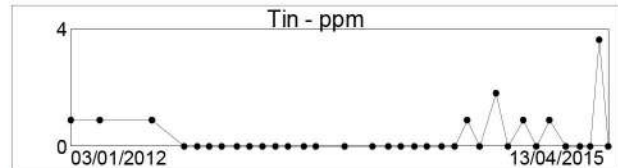
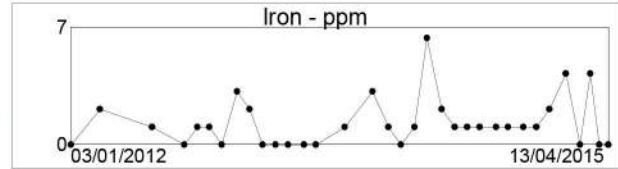


**Oil Grade / Type:**  
Castrol Turbo Oil 2197

Wear	0	0	0	0	0
Aluminum - ppm	0.00	0.00	0.00	0.00	0.00
Chromium - ppm	0.00	0.00	0.00	0.00	0.00
Copper - ppm	0.00	0.00	2.00	1.00	1.00
Iron - ppm	0.0	0.0	4.0	0.0	4.0
Lead - ppm	0.00	0.00	0.00	0.00	0.00
Nickel - ppm	0.00	1.00	0.00	0.00	0.00
Silver - ppm	0.00	0.00	0.00	0.00	0.00
Tin - ppm	0.00	4.00	0.00	0.00	0.00
Vanadium - ppm	0.00	0.00	0.00	0.00	0.00
FW ldx - ldx	0	1	1	0	0

Contamination	0	0	10	10	10
Boron - ppm	0.00	0.00	0.00	0.00	0.00
Silicon - ppm	0.00	0.00	0.00	0.00	0.00
Sodium - ppm	4.00	3.00	6.00	11.00	1.00
Cnts >4 - pml	3,393	2,661	2,108	2,230	2,524
Cnts >6 - pml	1,508	549	414	738	1,066
Cnts >14 - pml	128	21	12	81	162
Cnts >18 - pml	50	5	3	51	117
Cnts >22 - pml	29	2	1	38	88
Cnts >32 - pml	9	1	1	20	36
Cnts >38 - pml	0	0	0	0	2
Cnts >56 - pml	0.0	0.0	0.0	0.0	1.0
ISO >4 - n/a	19	19	18	18	19
ISO >6 - n/a	18	16	16	17	17
ISO >14 - n/a	14	12	11	14	15
IR Soot - au					
Water K.Fish - ppm	411.0	336.0	614.0	781.0	656.0

Chemistry	0	0	0	0	0
Calcium - ppm	0.00	0.00	0.00	2.00	2.00
Magnesium - ppm	0.00	0.00	0.00	0.00	0.00
Molybdenum - ppm	0.00	0.00	0.00	0.00	0.00
Phosphorus - ppm	1,932.00	1,781.00	1,928.00	1,893.00	1,978.00
Zinc - ppm	0.00	2.00	1.00	10.00	8.00
Manganese - ppm	0.00	0.00	0.00	0.00	0.00
IR Oxidation - au					
IR Nitration - au					
Visc 40C - cSt	28.1	29.3	28.7	27.6	27.2
Total Acid - koh	.26	.21	.24	.42	.50



## Analysis/ Recommendations

OIL COLOUR: DARK BROWN. THE WEAR RATE IS STABLE AND THE OIL COUNTED CLEAN. RESAMPLE AS NORMAL.