

## Programmed Oil Sampling

**CLIENT NAME**  
HAZELL BROS LUND  
**CLIENT ADDRESS**  
9 Bee Court  
Burleigh QLD 4220

**MAKE** Volvo  
**MODEL** A30E  
**SERIAL NO.** VCEA30EE00012624  
**UNIT NO.** IME845  
**COMPARTMENT TYPE** Transmission  
**COMPARTMENT NAM** Transmission  
**MACHINE LOCATION** Brisbane Port.  
**SYSTEM CAPACITY** 44.0 Ltrs

**CURRENT SAMPLE STATUS** Normal

**UIN : 02E98F3**

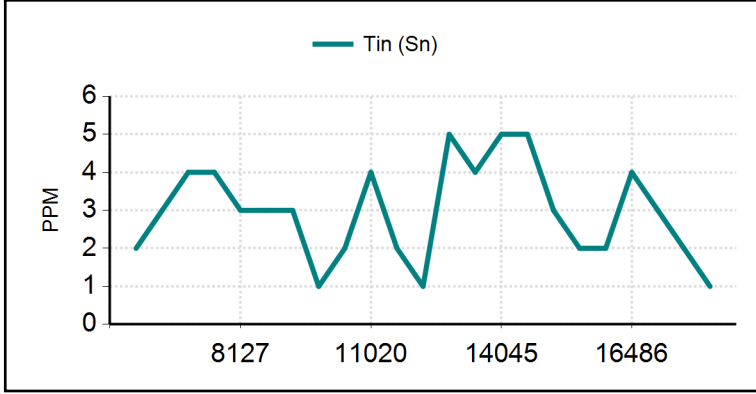
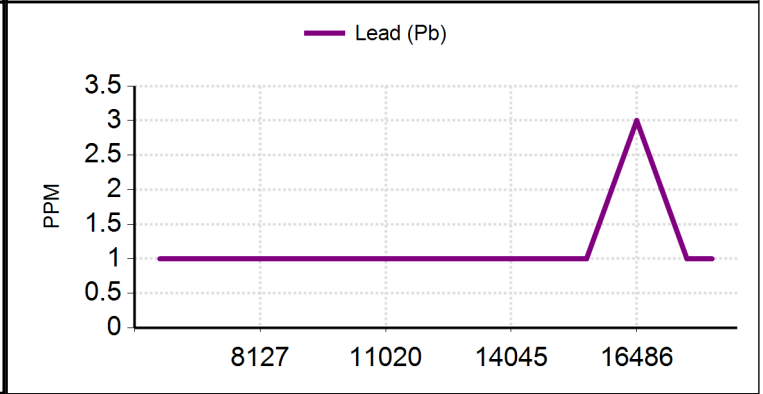
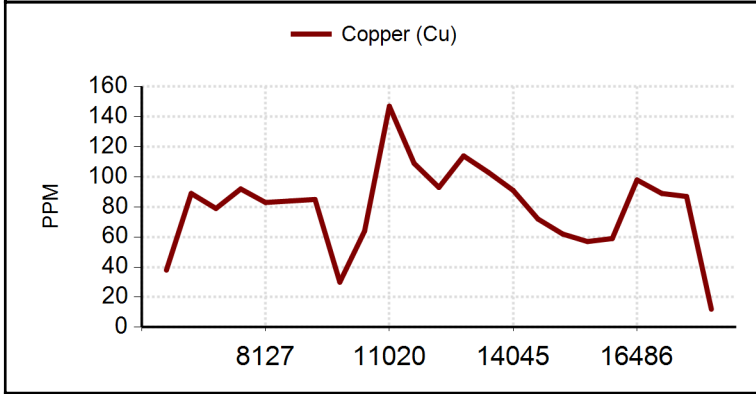
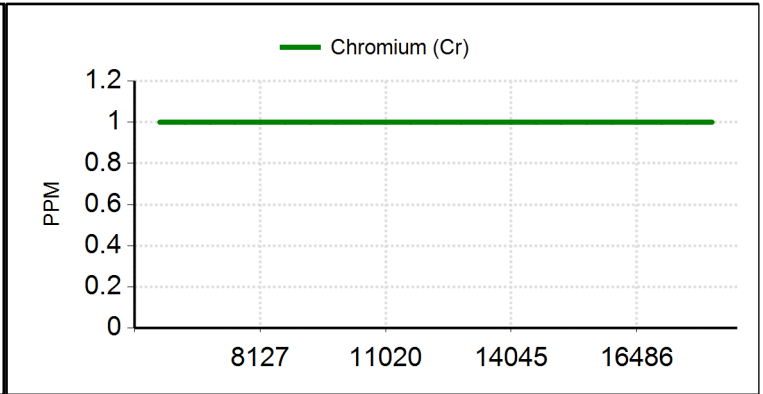
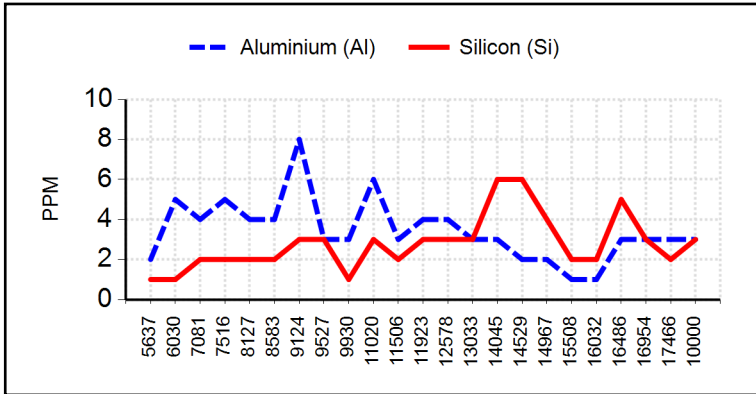
	<b>CURRENT</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>SAMPLE NO.</b>	46491761	42698686	41757432	40752505	29820745
<b>SAMPLED DATE</b>	09-Aug-23	19-Aug-21	15-Dec-20	02-Apr-20	15-Nov-19
<b>DATE RECEIVED</b>	14-Aug-23	25-Aug-21	21-Dec-20	06-Apr-20	25-Nov-19
<b>OIL MAKE</b>	Fluidematic Syn Dex III	ATF III	ATF	See Comments	See Comments
<b>OIL GRADE</b>	-	-	Unknown	-	-
<b>MACHINE</b>	Hrs 10000	17466	16954	16486	16032
<b>COMPONENT</b>	Hrs 10000	17466	16954	16486	16032
<b>OIL</b>	Hrs 50	466	454	486	500
<b>OIL ADDED</b>	Ltrs 0.0				
<b>FILTER</b>	Hrs	466	454	486	500
<b>OIL CHANGED</b>	Not Changed	Changed	Changed	Changed	Changed
<b>WORK ORDER</b>					
<b>Metals (ppm)</b>					
Aluminium (Al)	3	3	3	3	1
Copper (Cu)	12	87	89	98	59
Chromium (Cr)	<1	<1	<1	<1	<1
Iron (Fe)	3	17	11	9	5
Lead (Pb)	<1	1	2	3	2
Tin (Sn)	1	2	3	4	2
<b>Contaminants (ppm)</b>					
Silicon (Si)	3	2	3	5	2
Boron (B)	128	96	153	73	73
Sodium (Na)	1	1	<1	2	1
Potassium (K)	<1	1	2	1	1
Phosphorus (P)	285	181	224	254	207
Molybdenum (Mo)	1	<1	<1	<1	<1
Magnesium (Mg)	3	<1	<1	<1	1
Calcium (Ca)	104	65	84	82	76
Zinc (Zn)	10	11	25	55	6
<b>Physical Tests</b>					
Water (%) (FTIR)	<0.1	<0.1	<0.1	<0.1	<0.1
PQ Index	12	13	13	11	10
Viscosity (cSt,40°C)	31	28	29	32	28
Oxidation (Abs) (FTIR)	9.0	7.9	9.7	9.7	12.5

### DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: Resample next recommended service interval to further monitor.

# GRAPHICAL WEAR TREND DATA

UIN:02E98F3



Filter Image

Filter patch test is not performed Contact laboratory for more information

"This analysis report is dependent upon the accurate completion of the sample submission sheet and correct sampling techniques as advised. The analysis is intended as an aid only in predicting mechanical wear and should not be regarded as a substitute for proper servicing or mechanical inspection. The company does not accept any liability whatsoever in respect of any loss or damage (including loss of profits, economic or other consequential loss or damage) however caused which may arise directly, or indirectly, as a result of the matters referred to in this analysis report."



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