



CONSTRUCTION EQUIPMENT

SWO-65290 VOLVO A60H 340044 - TRANSMISSION



Sample No: VCP388402
Oil Type: NOT GIVEN
Job No: SWO-65290



SAMPLE INFORMATION

Sample Number	VCP388402	VCP414076	VCP410192	VCP393621
Sample Date	21 Aug 2023	04 Aug 2023	11 May 2023	21 Feb 2023
Machine Hours	8811	8791	8303	7835
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	90.3	86.3	87.7	90.5
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CONTAMINATION

Silicon	ppm	5	7	5	5
Sodium	ppm	<1	0	2	3
Potassium	ppm	1	2	1	2



WEAR METALS

Iron	ppm	8	14	10	14
Copper	ppm	2	8	7	11
Lead	ppm	0	<1	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	7	4	6
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	49	35	33	21
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	3	13	10	20
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1214	1794	1702	1857
Magnesium	ppm	706	468	465	444
Zinc	ppm	1081	1059	1041	983
Phosphorus	ppm	955	925	904	848
Barium	ppm	0	2	0	<1
Boron	ppm	32	85	76	81

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10630588
Signed: Don Baldrige
Report Date: 05 Sep 2023

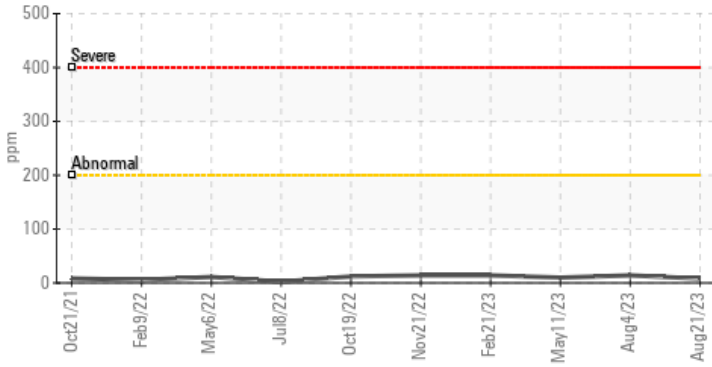


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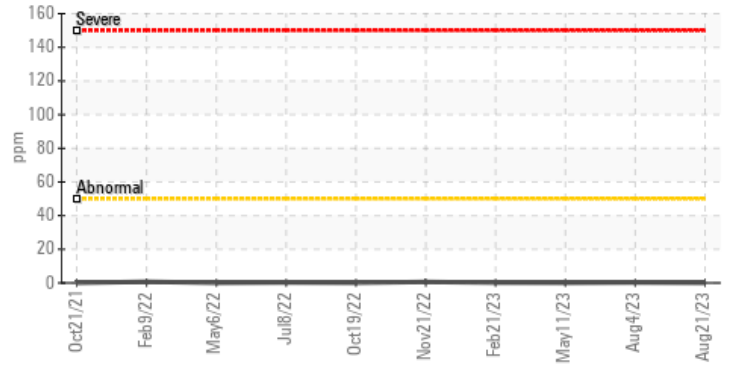


GRAPHS

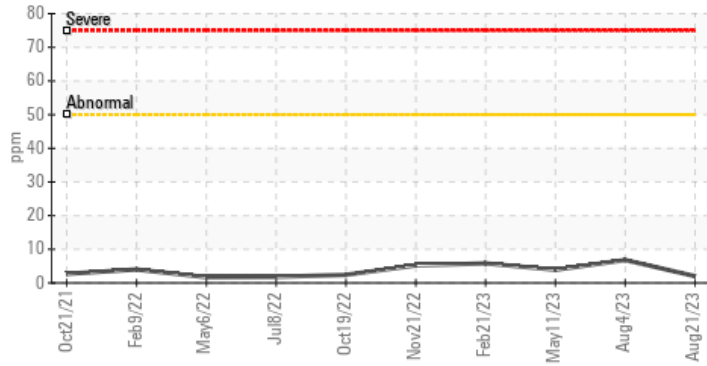
Iron (ppm)



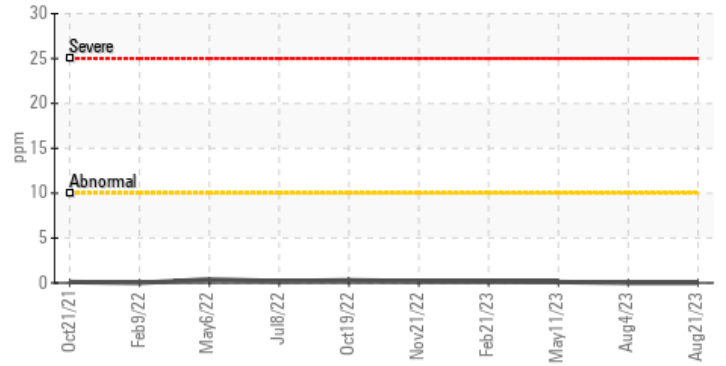
Lead (ppm)



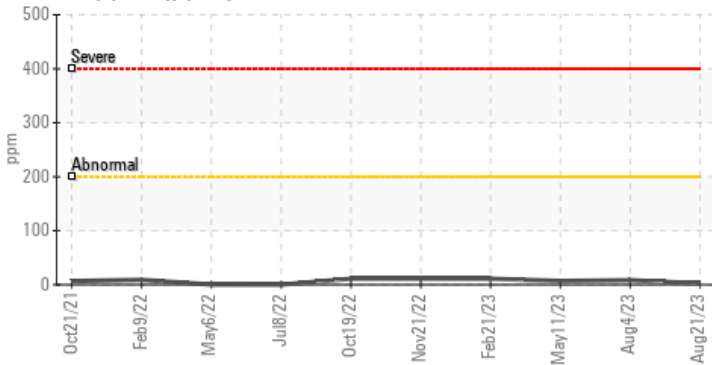
Aluminum (ppm)



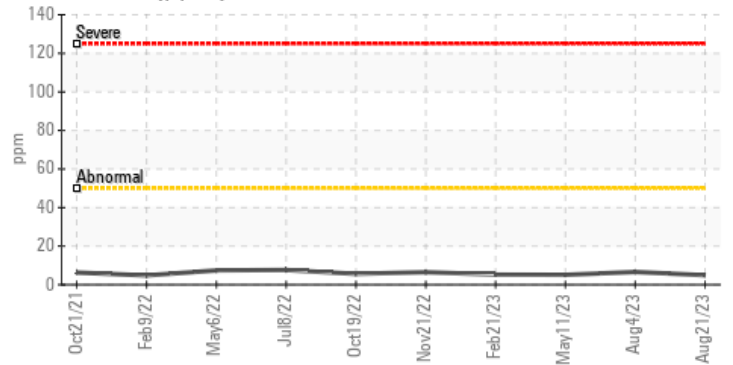
Chromium (ppm)



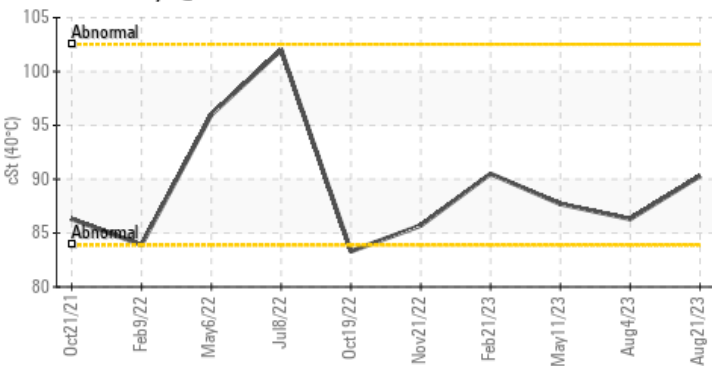
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

