



CONSTRUCTION EQUIPMENT

W07014085-1 STANLEY VOLVO A35G 340182 - DROP BOX



Sample No: VCP447900
Oil Type: MOBIL 75W90
Job No: W07014085-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP447900	VCP409359	VCP401346	VCP351048
Sample Date	05 Jan 2024	12 Oct 2023	21 Feb 2023	17 Jan 2022
Machine Hours	11250	10903	10045	8515
Oil Hours	0	500	4000	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
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GLEN ALLEN, VA
US 23060
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OIL CONDITION

Visc @ 40°C	cSt	52.7	54.8	50.3	53.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	21	31	19
Sodium	ppm	<1	0	2	0
Potassium	ppm	<1	1	2	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	18	51	137	148
Copper	ppm	0	<1	3	4
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	9	26
Chromium	ppm	<1	<1	1	2
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	6	16	71	57
Magnesium	ppm	<1	3	5	7
Zinc	ppm	0	31	107	75
Phosphorus	ppm	2132	746	2383	2571
Barium	ppm	0	9	0	0
Boron	ppm	328	60	131	170

Depot: VOLVO8882
Unique No: 10822936
Signed: Sean Felton
Report Date: 11 Jan 2024

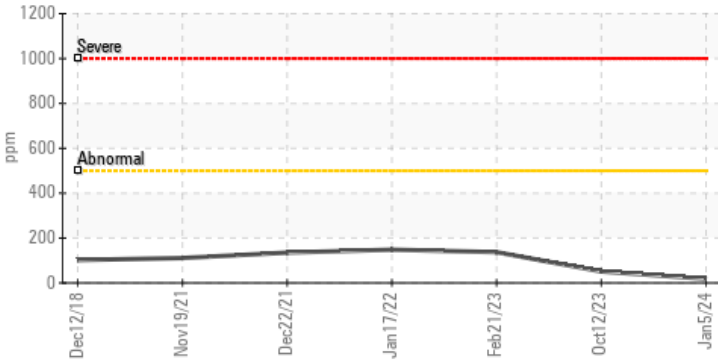


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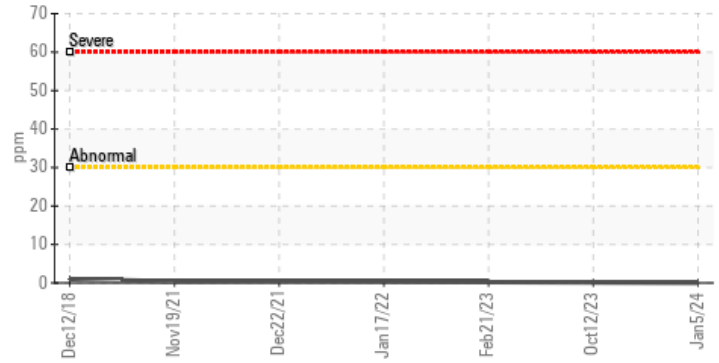


GRAPHS

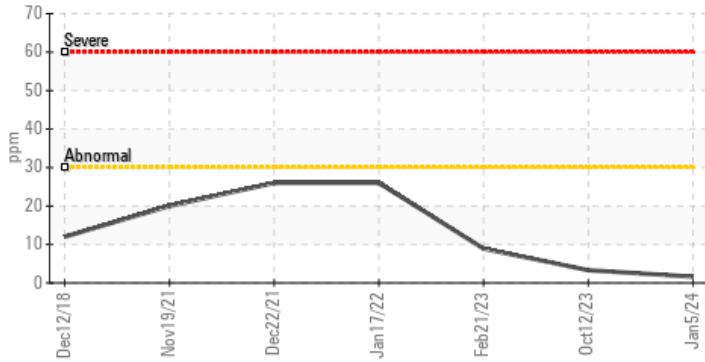
Iron (ppm)



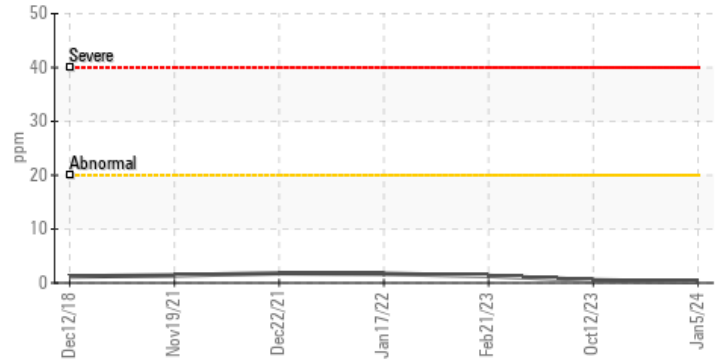
Lead (ppm)



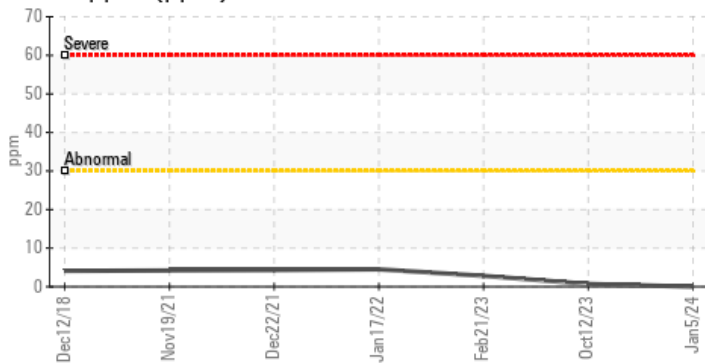
Aluminum (ppm)



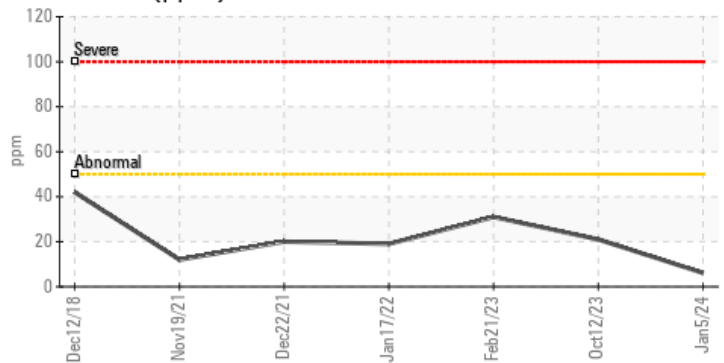
Chromium (ppm)



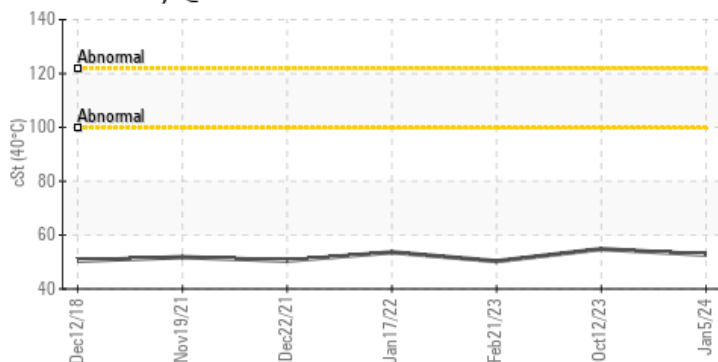
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

