



CONSTRUCTION EQUIPMENT

SWA560052-10 ALTER SENNEBOGEN 835 835.0.2949 - TRANSMISSION



Sample No: VCP453607
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SWA560052-10 ALTER



SAMPLE INFORMATION

Sample Number	VCP453607	VCP434948	VCP367853	---
Sample Date	17 May 2024	01 Mar 2024	10 Oct 2023	---
Machine Hours	5900	5345	4362	---
Oil Hours	2000	1000	2000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY

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 Contact: MIKE MARTIN
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OIL CONDITION

Visc @ 40°C	cSt	65.7	67.0	66.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	10	8	6	---
Sodium	ppm	4	5	9	---
Potassium	ppm	3	2	0	---

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	49	43	45	---
Copper	ppm	46	40	51	---
Lead	ppm	2	<1	0	---
Tin	ppm	3	2	2	---
Aluminum	ppm	2	2	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	48	45	27	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	10	10	10	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	1325	1197	1317	---
Magnesium	ppm	877	822	663	---
Zinc	ppm	1206	1117	972	---
Phosphorus	ppm	978	1045	908	---
Barium	ppm	0	0	1	---
Boron	ppm	27	23	42	---

Depot: VOLVO5054
Unique No: 11046406
Signed: Sean Felton
Report Date: 28 May 2024

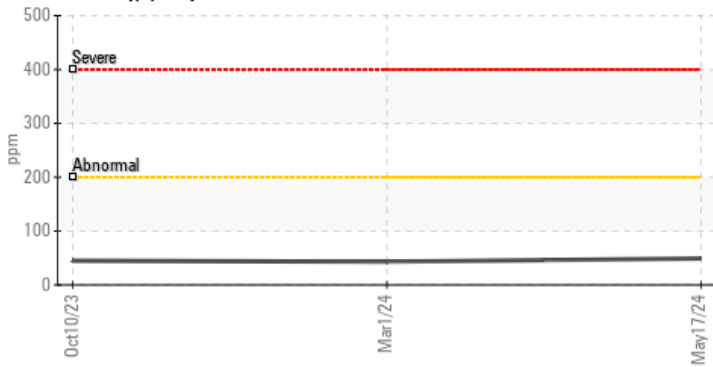


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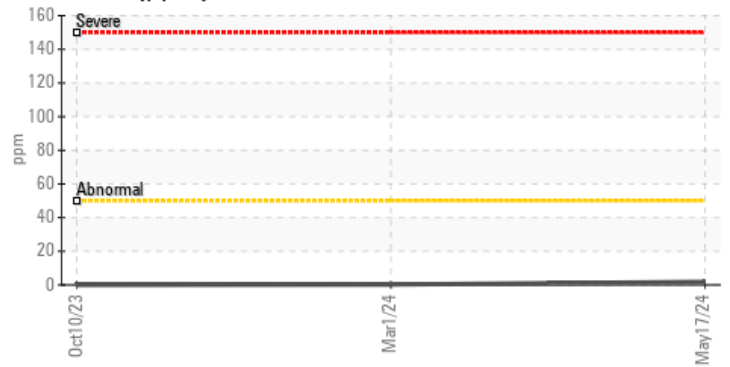


GRAPHS

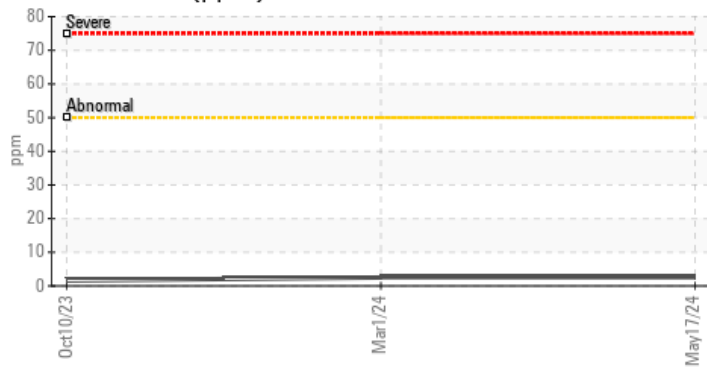
Iron (ppm)



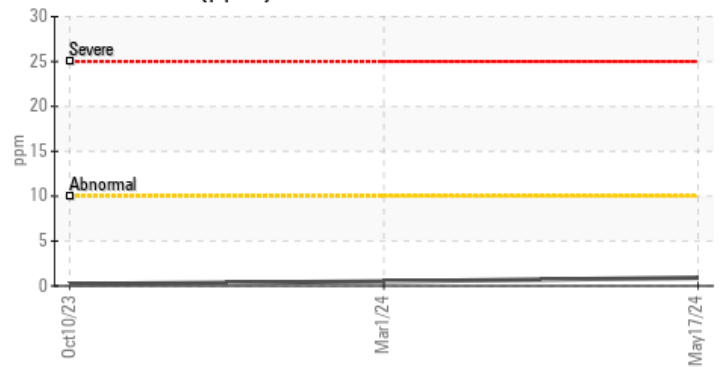
Lead (ppm)



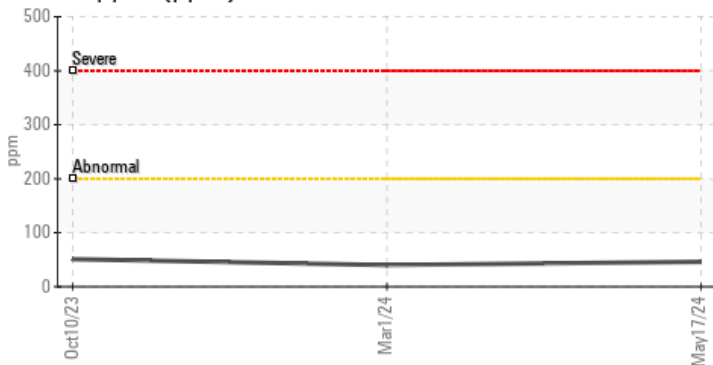
Aluminum (ppm)



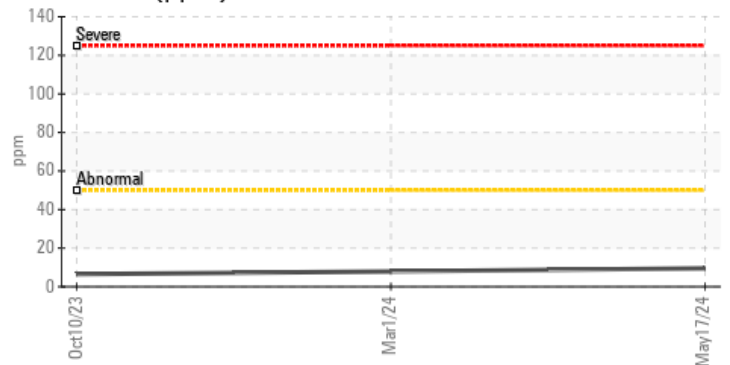
Chromium (ppm)



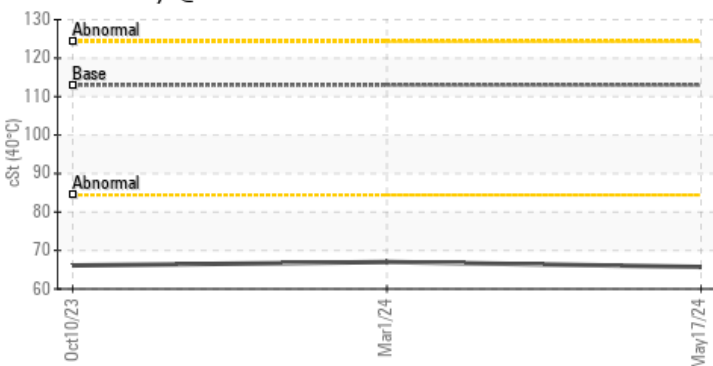
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

