



CONSTRUCTION EQUIPMENT

SPM554450-10 VOLVO A60H 350126 - TRANSMISSION



Sample No: VCP390776
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM554450-10



SAMPLE INFORMATION

Sample Number	VCP390776	VCP390587	VPA346297	---
Sample Date	19 Jul 2023	20 Jan 2023	02 May 2022	---
Machine Hours	5055	3769	2176	---
Oil Hours	1000	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: PAUL ELZERMAN
 paul.elzerman@altaequipment.com
 T: (248)356-5200
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	74.7	81.9	82.1	---
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CONTAMINATION

Silicon	ppm	4	6	7	---
Sodium	ppm	1	3	3	---
Potassium	ppm	0	1	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	15	9	12	---
Copper	ppm	3	5	18	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	<1	1	1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	60	31	42	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	14	20	78	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1360	1418	1658	---
Magnesium	ppm	1023	691	534	---
Zinc	ppm	1329	1005	1018	---
Phosphorus	ppm	1163	864	934	---
Barium	ppm	0	1	0	---
Boron	ppm	32	69	78	---

Depot: VOLVO2990
Unique No: 10577027
Signed: Don Baldrige
Report Date: 31 Jul 2023

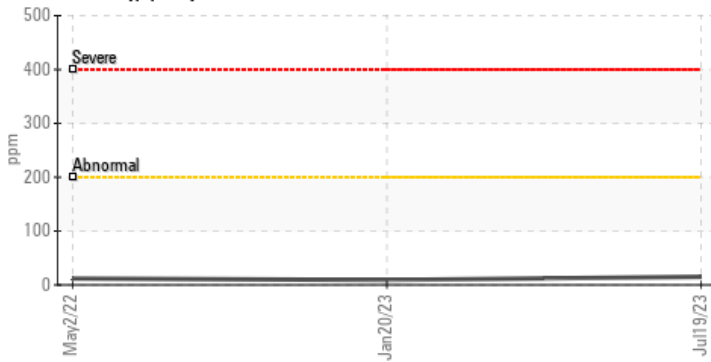


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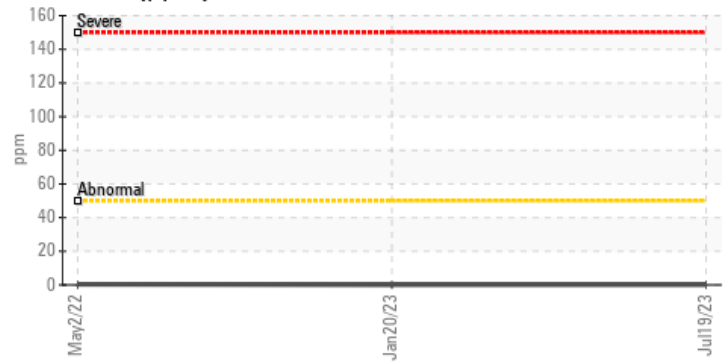


GRAPHS

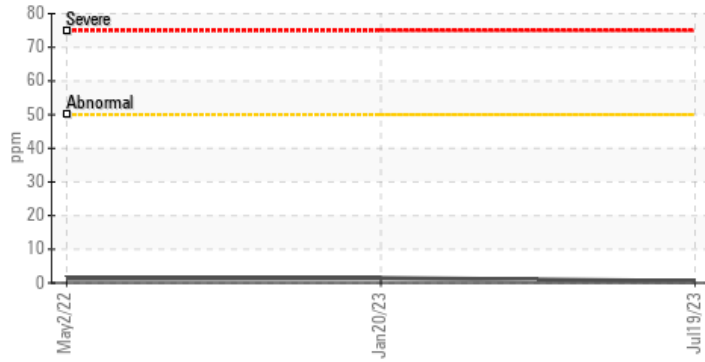
Iron (ppm)



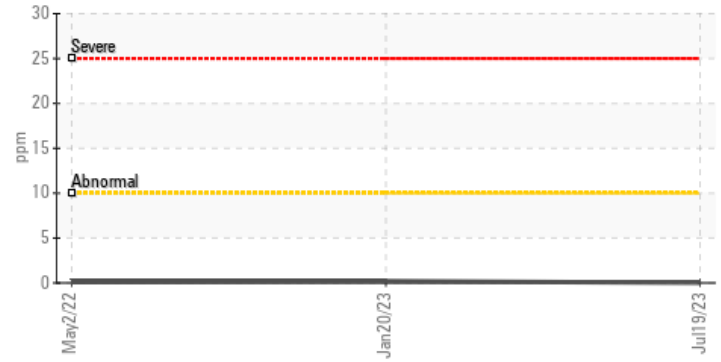
Lead (ppm)



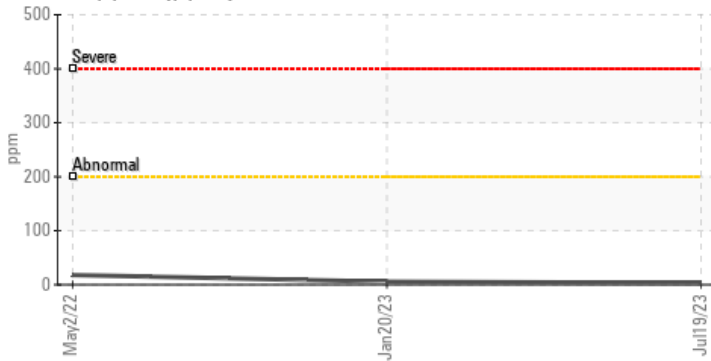
Aluminum (ppm)



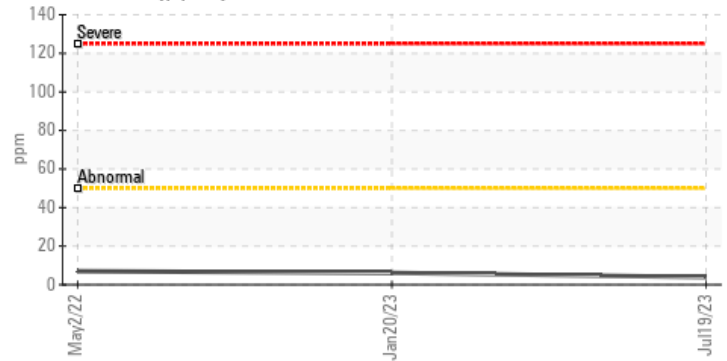
Chromium (ppm)



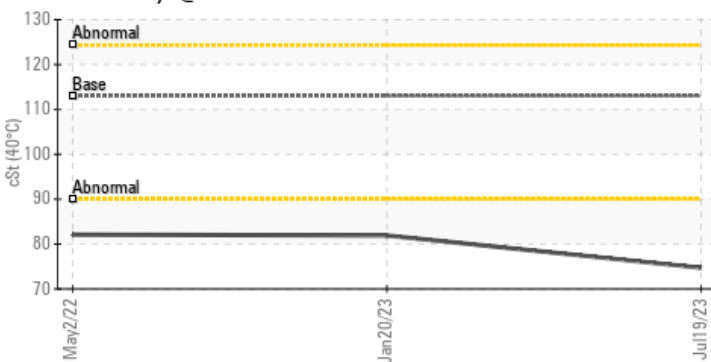
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

