



CONSTRUCTION EQUIPMENT

VOLVO L260H 1352 - DIESEL ENGINE



Sample No: VCP436826
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP436826	VCP369874	---	---
Sample Date	09 Apr 2024	06 Dec 2023	---	---
Machine Hours	1631	917	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 100°C	cSt	13.0	11.3	---	---
Base Number (BN)	mg KOH/g	7.2	5.1	---	---
Oxidation (PA)	%	62	62	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.3	0.4	---	---
Nitration (PA)	%	64	77	---	---
Sulfation (PA)	%	56	59	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.3	---	---
Silicon	ppm	8	29	---	---
Sodium	ppm	<1	4	---	---
Potassium	ppm	3	5	---	---



WEAR METALS

Iron	ppm	9	24	---	---
Copper	ppm	44	174	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	63	87	---	---
Nickel	ppm	1	3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1316	2053	---	---
Magnesium	ppm	865	128	---	---
Zinc	ppm	1273	1200	---	---
Phosphorus	ppm	1049	950	---	---
Barium	ppm	0	0	---	---
Boron	ppm	3	17	---	---

Depot: VOLVO0090
Unique No: 10978438
Signed: Wes Davis
Report Date: 16 Apr 2024

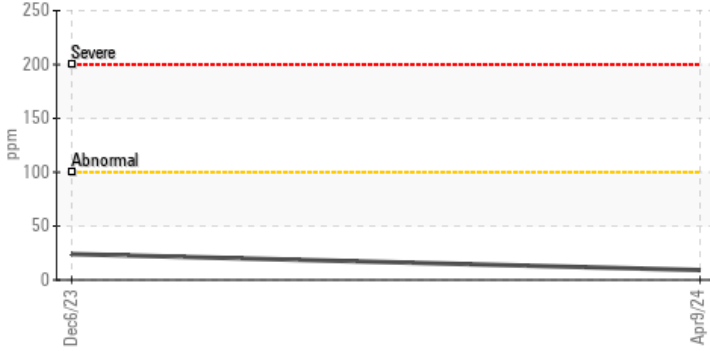


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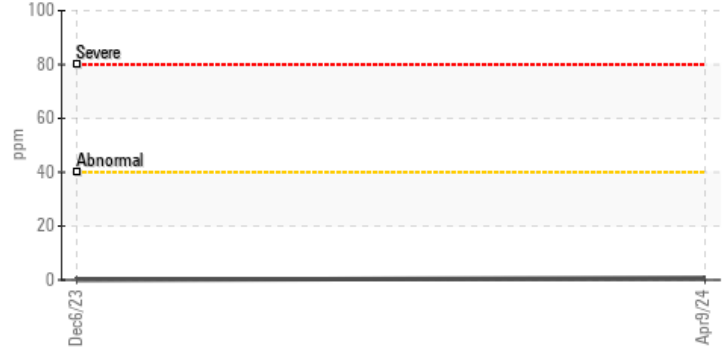


GRAPHS

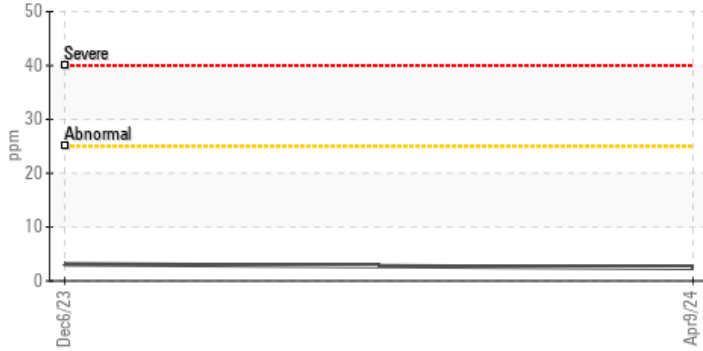
Iron (ppm)



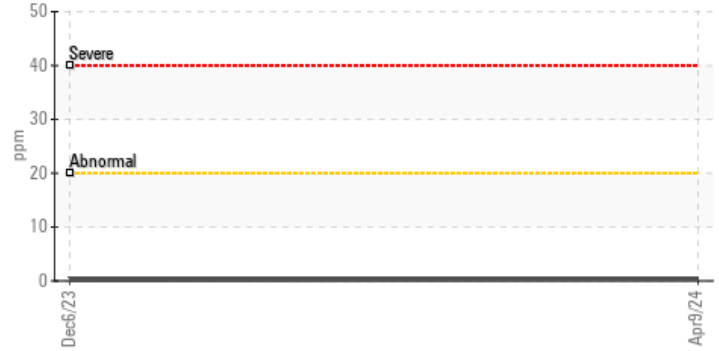
Lead (ppm)



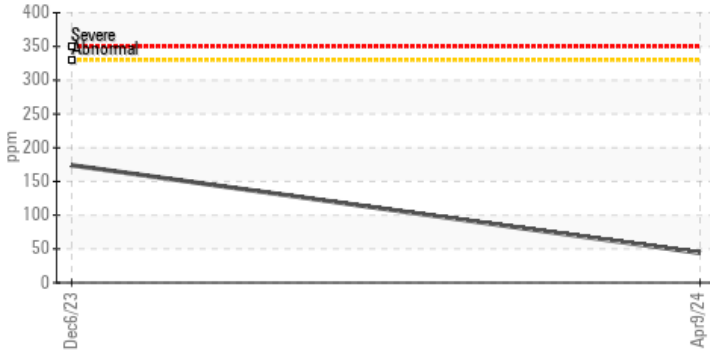
Aluminum (ppm)



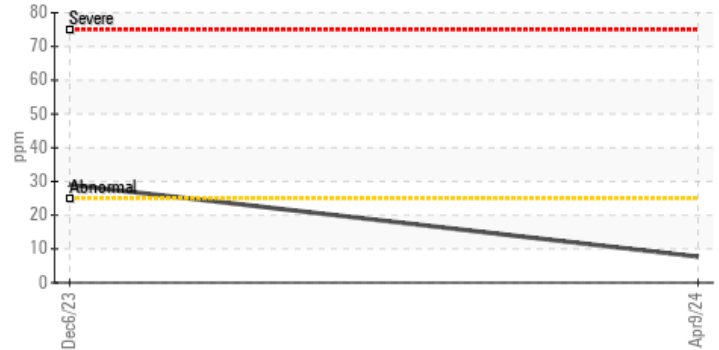
Chromium (ppm)



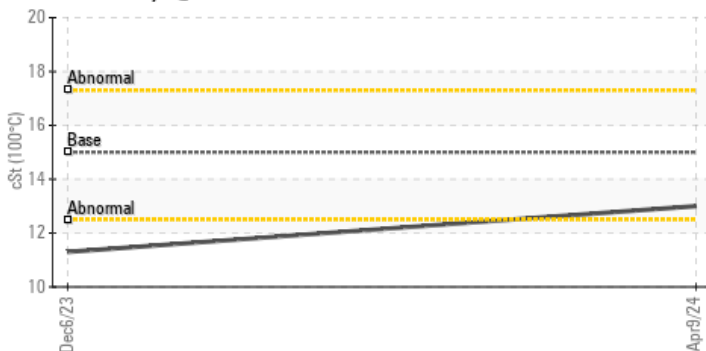
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

