



CONSTRUCTION EQUIPMENT

VOLVO A45G 352205 - DIESEL ENGINE



Sample No: VCP0008488
Oil Type: DIESEL ENGINE OIL SAE 40
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008488	VCP300974	---	---
Sample Date	27 Jun 2024	29 Dec 2020	---	---
Machine Hours	8083	0	---	---
Oil Hours	8083	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
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OIL CONDITION

Visc @ 100°C	cSt	13.1	13.0	---	---
Base Number (BN)	mg KOH/g	10.3	---	---	---
Oxidation (PA)	%	73	60	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 %	%	0.1	0.3	---	---
Nitration (PA)	%	42	68	---	---
Sulfation (PA)	%	59	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	7	2	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	3	7	---	---
Copper	ppm	3	45	---	---
Lead	ppm	0	1	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	38	58	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1471	1061	---	---
Magnesium	ppm	510	920	---	---
Zinc	ppm	1088	1238	---	---
Phosphorus	ppm	923	1012	---	---
Barium	ppm	0	0	---	---
Boron	ppm	60	3	---	---

Depot: VOLVO0092
Unique No: 11110475
Signed: Wes Davis
Report Date: 03 Jul 2024

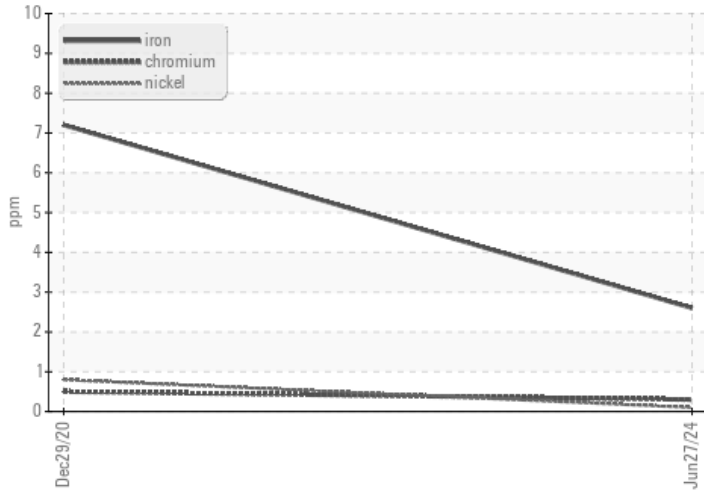


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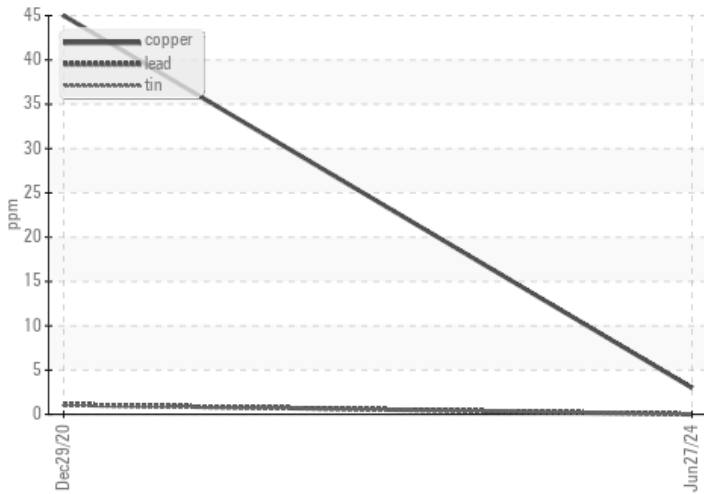


GRAPHS

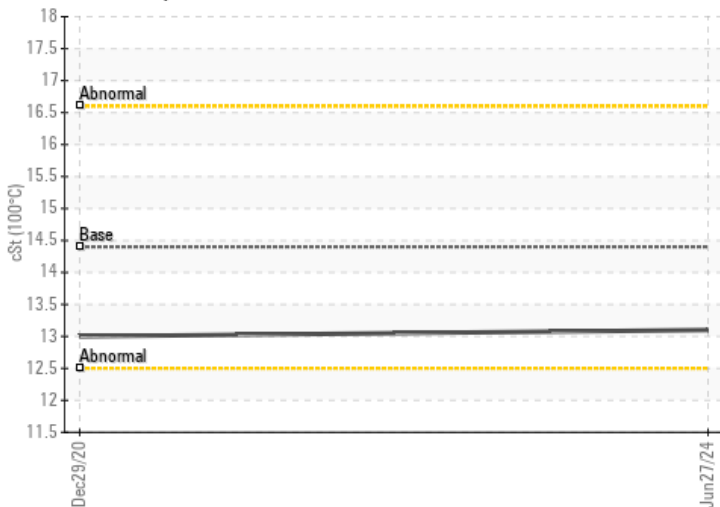
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

