



CONSTRUCTION EQUIPMENT

VOLVO A25G 752695 - DIESEL ENGINE



Sample No: VCP0008760
Oil Type: DIESEL ENGINE OIL SAE 40
Job No:



ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
 shawn.northcraft@altg.com
 T: (904)737-6000
 F: (904)737-1260



SAMPLE INFORMATION

Sample Number	VCP0008760	VCP0007915	---	---
Sample Date	09 Jun 2024	11 Dec 2023	---	---
Machine Hours	2005	0	---	---
Oil Hours	2005	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.8	10.9	---	---
Base Number (BN)	mg KOH/g	9.7	5.1	---	---
Oxidation (PA)	%	78	67	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.2	0.6	---	---
Nitration (PA)	%	50	86	---	---
Sulfation (PA)	%	61	63	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.0	---	---
Silicon	ppm	4	35	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	1	3	---	---



WEAR METALS

Iron	ppm	7	39	---	---
Copper	ppm	10	157	---	---
Lead	ppm	0	3	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	41	65	---	---
Nickel	ppm	<1	3	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	1581	2091	---	---
Magnesium	ppm	451	31	---	---
Zinc	ppm	1071	1154	---	---
Phosphorus	ppm	924	975	---	---
Barium	ppm	0	0	---	---
Boron	ppm	56	23	---	---

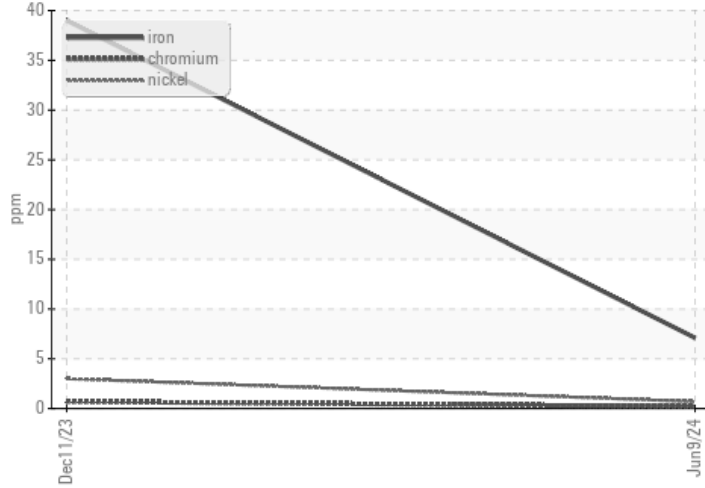
Diagnosis

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 acceptable for the time in service.

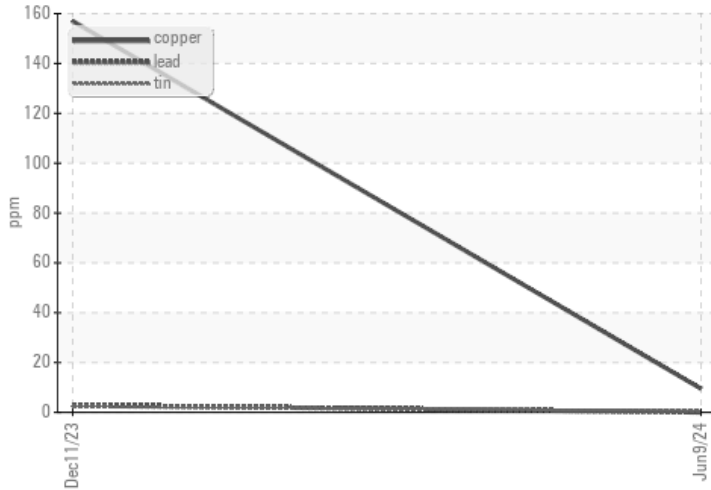


GRAPHS

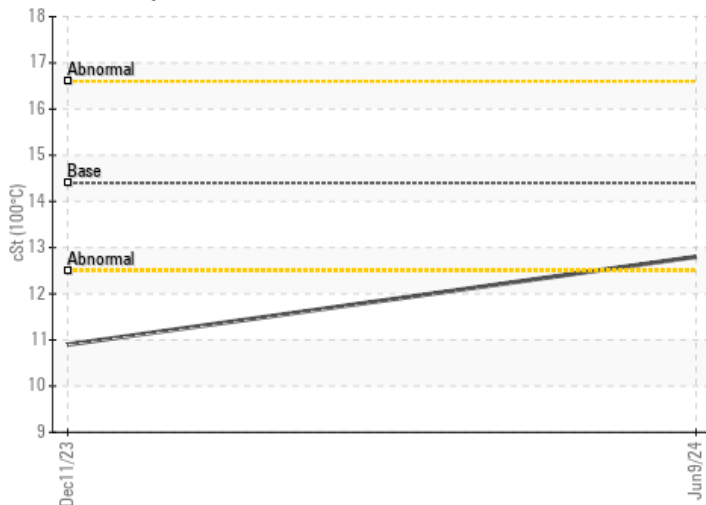
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

