



CONSTRUCTION EQUIPMENT

VOLVO A45G 342577 - WET DISC BRAKE



Sample No: VCP423880
Oil Type: VOLVO WB 102
Job No:



117 - ASCENDUM MACHINERY INC - GREENVILLE
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 GREENVILLE, NC
 US 27834
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SAMPLE INFORMATION

Sample Number	VCP423880	VCP417292	---	---
Sample Date	14 Jun 2024	12 Jun 2023	---	---
Machine Hours	5306	3914	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	41.8	41.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	17	---	---
Sodium	ppm	3	9	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	28	34	---	---
Copper	ppm	122	165	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	3	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4405	3929	---	---
Magnesium	ppm	14	13	---	---
Zinc	ppm	1749	1637	---	---
Phosphorus	ppm	1288	1349	---	---
Barium	ppm	0	0	---	---
Boron	ppm	160	140	---	---

Diagnosis

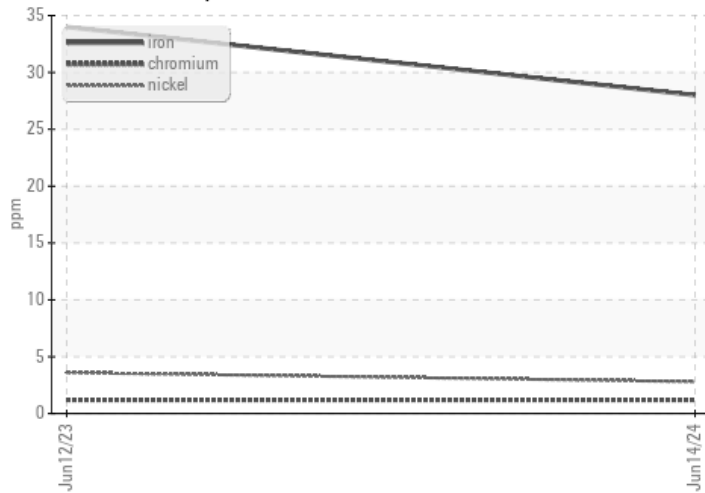
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8769
Unique No: 11111686
Signed: Jonathan Hester
Report Date: 08 Jul 2024

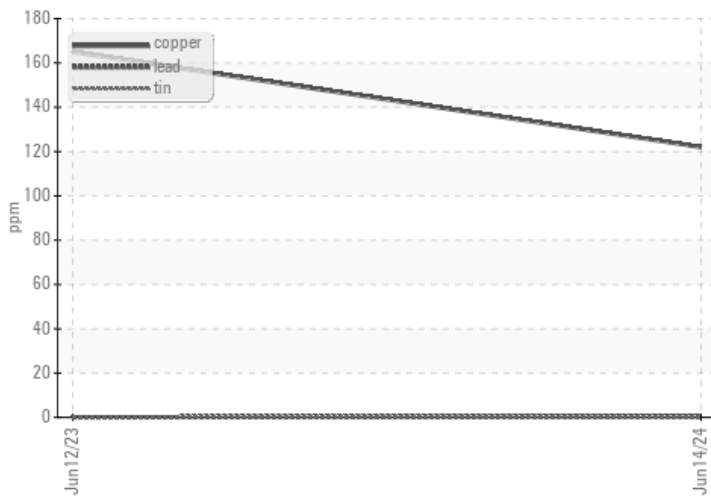


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

