



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 390113 VOLVO L260 1233 - HYDRAULIC SYSTEM



Sample No: VCP383051
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 390113



SAMPLE INFORMATION

Sample Number	VCP383051	VCP380083	VCP394979	---
Sample Date	11 Jan 2024	04 Dec 2023	12 Jul 2023	---
Machine Hours	8278	7547	4516	---
Oil Hours	4000	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	ATTENTION	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	39.8	42.0	40.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		208	4586	16747	---
Particles >6µm		70	1675	4228	---
Particles >14µm		9	155	231	---
ISO 4406:1999 (c)		15/13/10	19/18/14	21/19/15	---
Silicon	ppm	<1	<1	1	---
Sodium	ppm	<1	<1	1	---
Potassium	ppm	<1	0	<1	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	1	2	2	---
Copper	ppm	2	2	5	---
Lead	ppm	<1	<1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	1	<1	1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	49	50	43	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	410	413	393	---
Phosphorus	ppm	334	323	338	---
Barium	ppm	0	<1	0	---
Boron	ppm	0	<1	<1	---

Depot: VOLV00252
Unique No: 5709674
Signed: Wes Davis
Report Date: 15 Jan 2024

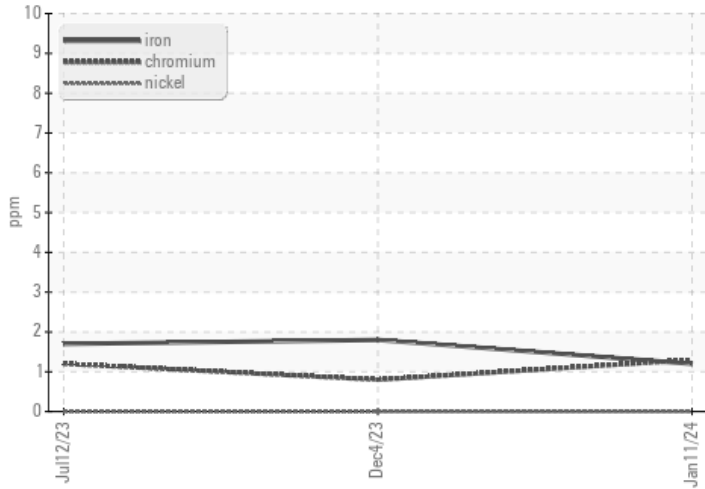


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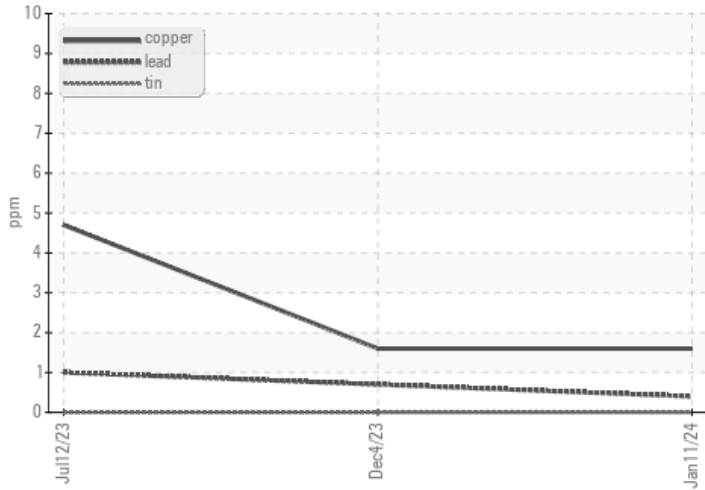


VOLVO GRAPHS

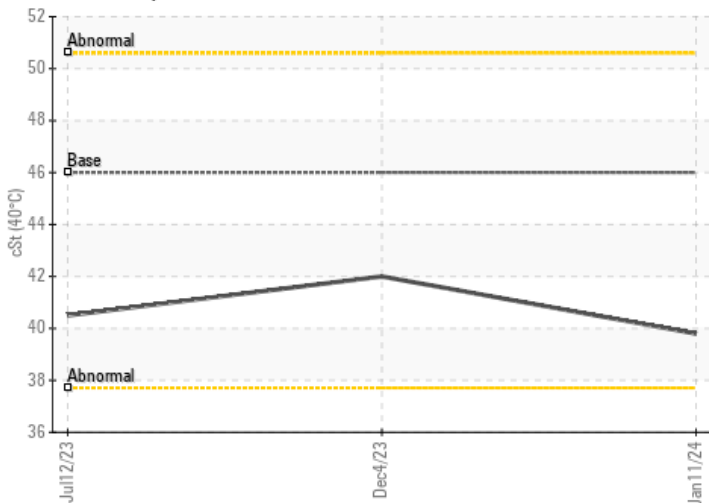
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

