



CONSTRUCTION EQUIPMENT

716086 GERDAU VOLVO L350H 1220 - HYDRAULIC SYSTEM



Sample No: VCP453554
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 716086 GERDAU



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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 F: (248)356-2029



SAMPLE INFORMATION

Sample Number	VCP453554	VCP426817	---	---
Sample Date	15 May 2024	03 May 2023	---	---
Machine Hours	7316	2659	---	---
Oil Hours	3000	2659	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	41.7	41.8	---	---
Acid Number (AN)	mg KOH/g	0.27	0.26	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		6493	15854	---	---
Particles >6µm		663	3076	---	---
Particles >14µm		30	159	---	---
ISO 4406:1999 (c)		20/17/12	21/19/14	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	57	56	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	428	438	---	---
Phosphorus	ppm	347	324	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO2990
Unique No: 11042826
Signed: Wes Davis
Report Date: 22 May 2024

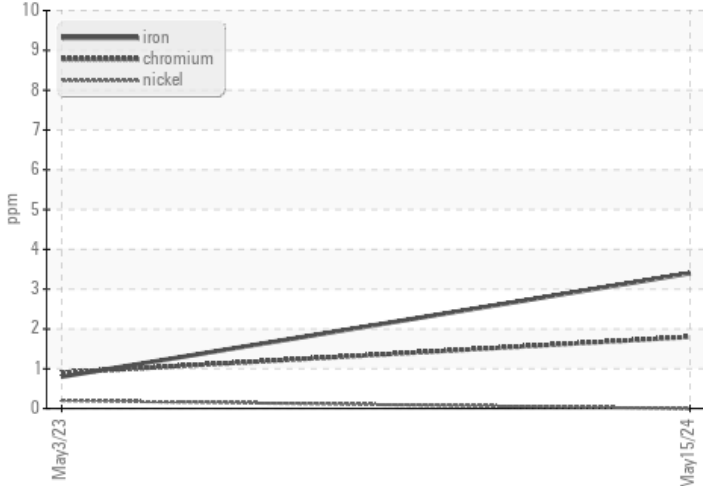


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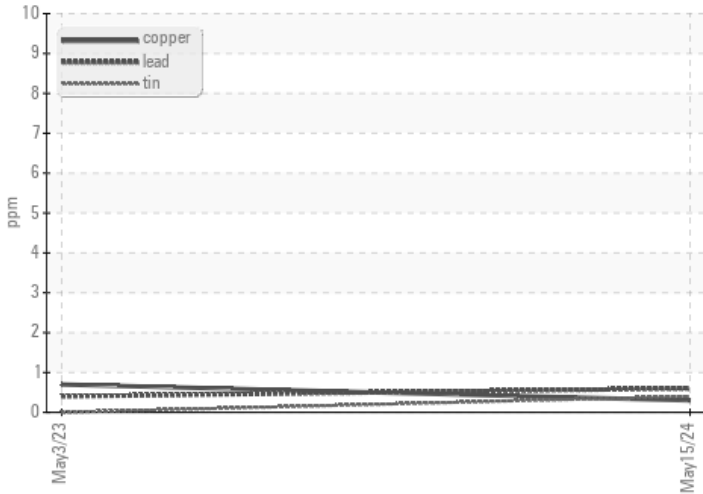


VOLVO GRAPHS

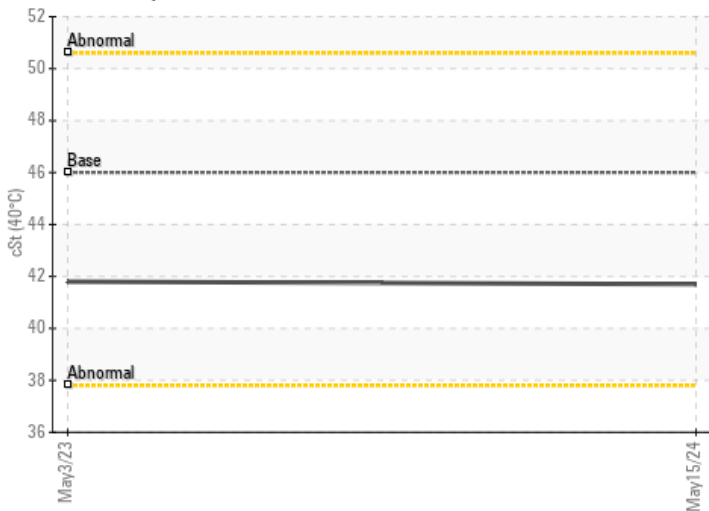
Ferrous Alloys



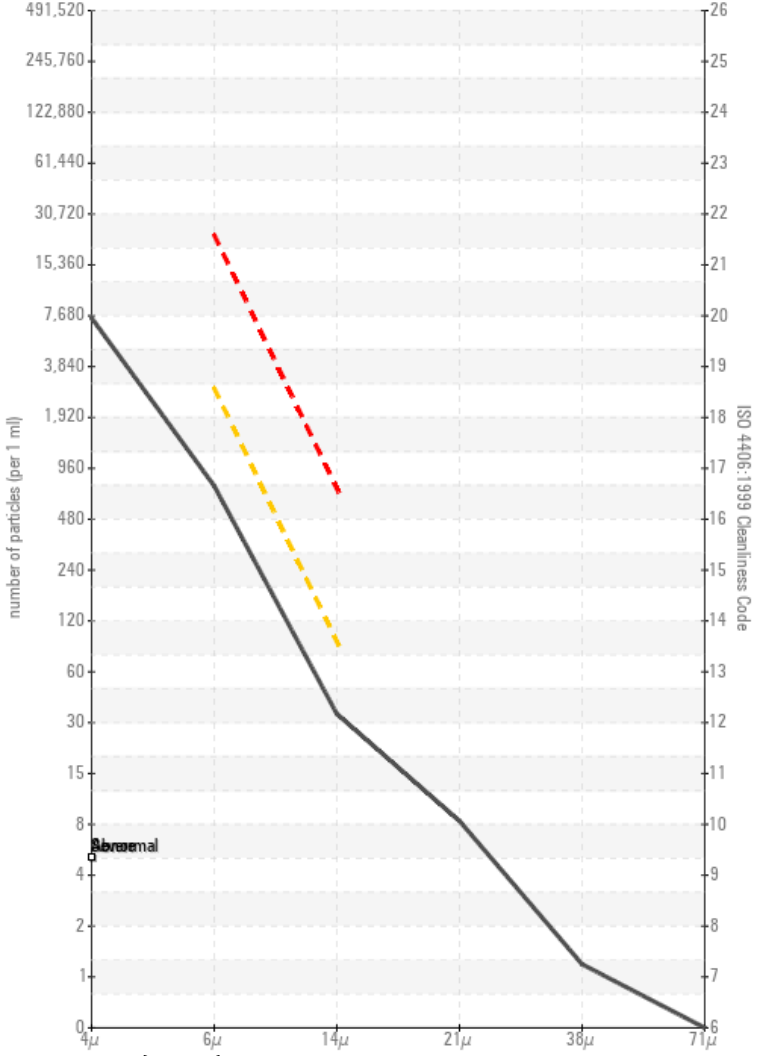
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

