CONSTRUCTION EQUIPMENT
730586 KRAKEN VOLVO L350H 1106 - HYDRAULIC SYSTEM

Sample No: VCP432977
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 730586 KRAKEN

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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SAMPLE INFORMATION

Sample Number		**VCP432977**	VCP416234	---	---
Sample Date		**27 Jun 2024**	19 Jul 2023	---	---
Machine Hours		**9929**	7925	---	---
Oil Hours		**2000**	0	---	---
Oil Changed		**Not Changd**	Not Changd	---	---
Sample Status		**ATTENTION**	ABNORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	**40.4**	40.5	---	---
Acid Number (AN)	mg KOH/g	**0.382**	0.40	---	---

CONTAMINATION

Water	%	**NEG**	NEG	---	---
Particles >4µm		**19360**	---	---	---
Particles >6µm		**3492**	---	---	---
Particles >14µm		**99**	---	---	---
ISO 4406:1999 (c)		**21/19/14**	---	---	---
Silicon	ppm	**2**	3	---	---
Sodium	ppm	**3**	2	---	---
Potassium	ppm	**<1**	0	---	---

WEAR METALS

Iron	ppm	**8**	6	---	---
Copper	ppm	**<1**	<1	---	---
Lead	ppm	**<1**	<1	---	---
Tin	ppm	**0**	0	---	---
Aluminum	ppm	**<1**	0	---	---
Chromium	ppm	**2**	2	---	---
Molybdenum	ppm	**0**	0	---	---
Nickel	ppm	**0**	0	---	---
Titanium	ppm	**0**	0	---	---
Silver	ppm	**0**	0	---	---
Manganese	ppm	**0**	0	---	---
Vanadium	ppm	**0**	<1	---	---

ADDITIVES

Calcium	ppm	**64**	51	---	---
Magnesium	ppm	**2**	0	---	---
Zinc	ppm	**405**	429	---	---
Phosphorus	ppm	**333**	345	---	---
Barium	ppm	**0**	0	---	---
Boron	ppm	**0**	0	---	---

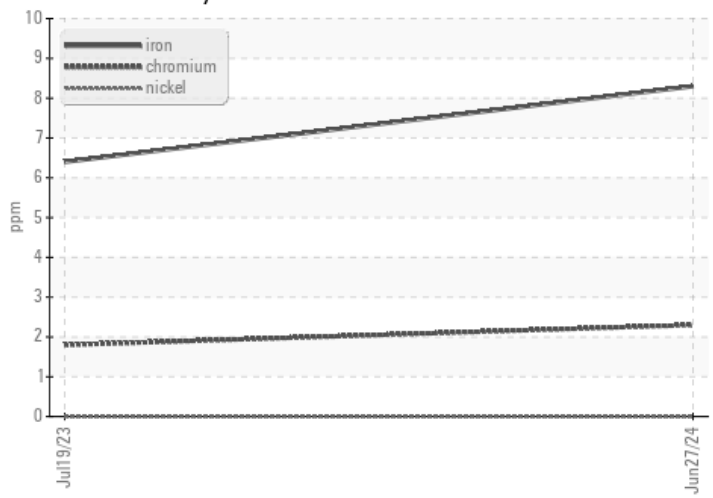
Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

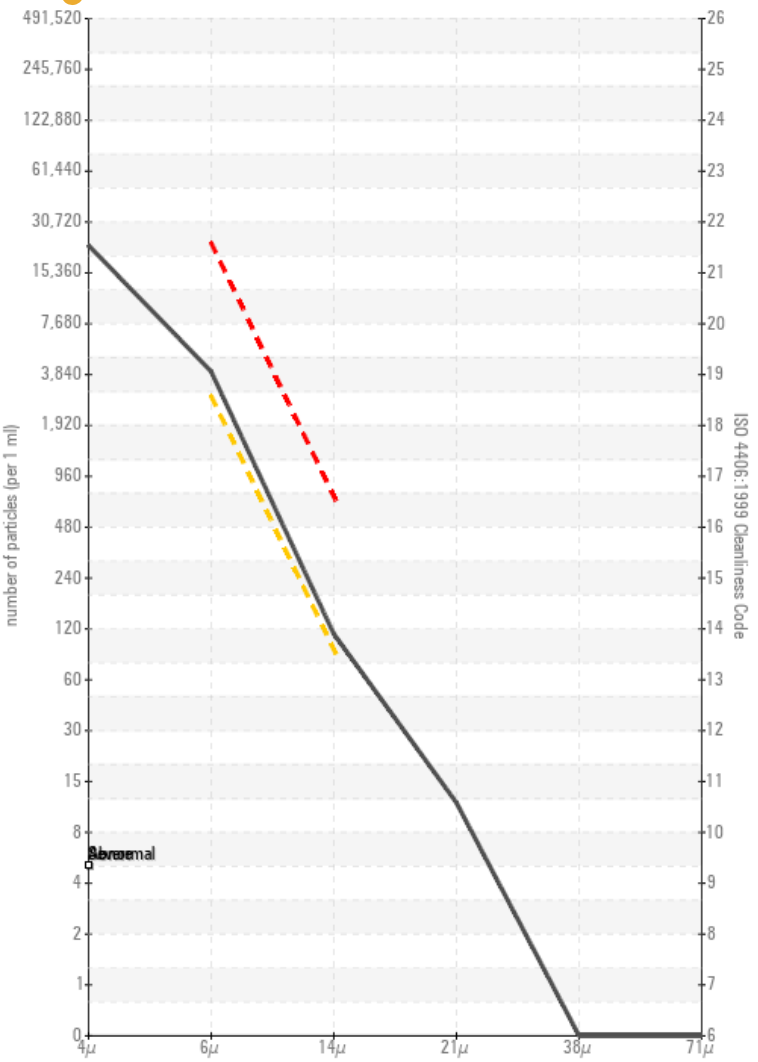
Depot: VOLVO2990
Unique No: 11113590
Signed: Wes Davis
Report Date: 09 Jul 2024

GRAPHS

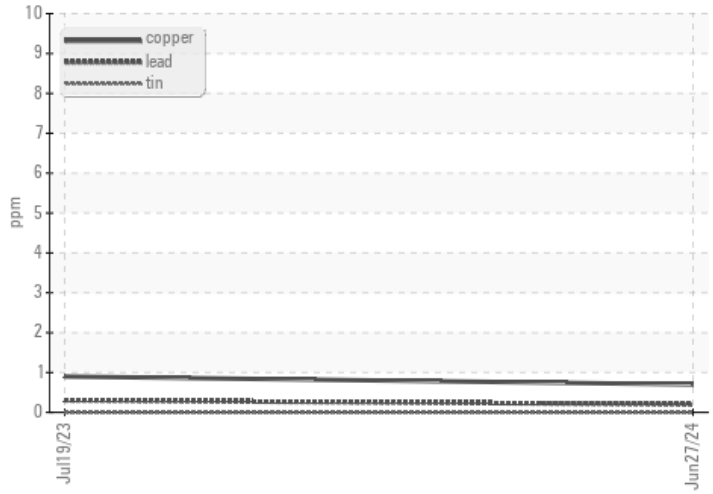
Ferrous Alloys



Particle Count



Non-ferrous Metals



Viscosity @ 40°C

Acid Number