



CONSTRUCTION EQUIPMENT

134065 INTEGRATED TR ALJON 30135 - HYDRAULIC SYSTEM



Sample No: VCP416025
Oil Type: AW HYDRAULIC OIL ISO 32
Job No: 134065 INTEGRATED TR



SAMPLE INFORMATION

Sample Number	VCP416025	VCP424570	---	---
Sample Date	25 Aug 2023	09 Jun 2023	---	---
Machine Hours	1823	1392	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

ROMCO INC

1519 W BELTLINE
 CARROLLTON, TX
 US 75006

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OIL CONDITION

Visc @ 40°C	cSt	29.9	30.1	---	---
Acid Number (AN)	mg KOH/g	0.41	0.42	---	---

CONTAMINATION

Particles >4µm		623	343	---	---
Particles >6µm		121	81	---	---
Particles >14µm		11	13	---	---
ISO 4406:1999 (c)		16/14/11	16/14/11	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	1	2	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

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.

WEAR METALS

Iron	ppm	15	13	---	---
Copper	ppm	8	7	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	64	70	---	---
Magnesium	ppm	3	8	---	---
Zinc	ppm	443	455	---	---
Phosphorus	ppm	353	336	---	---
Barium	ppm	0	2	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO0015
Unique No: 10643163
Signed: Wes Davis
Report Date: 12 Sep 2023

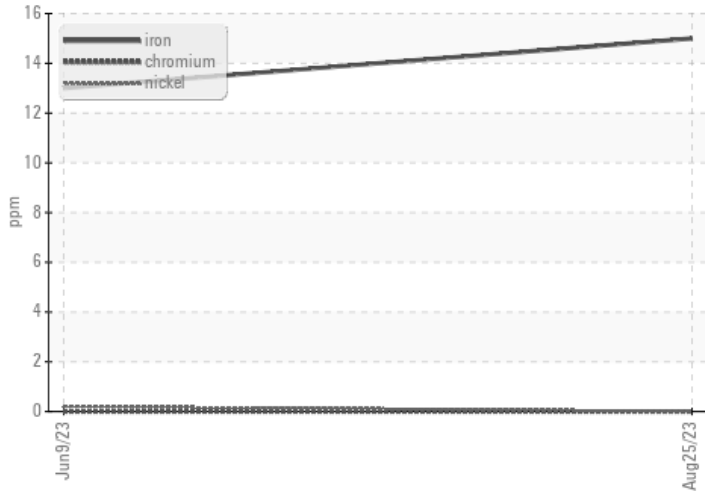


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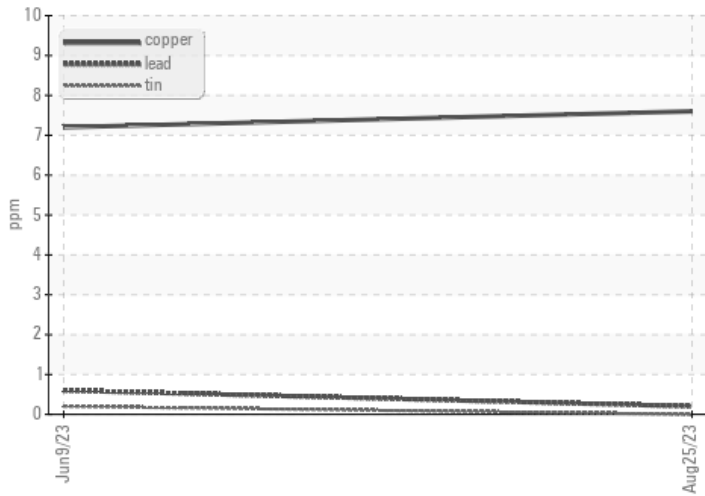


GRAPHS

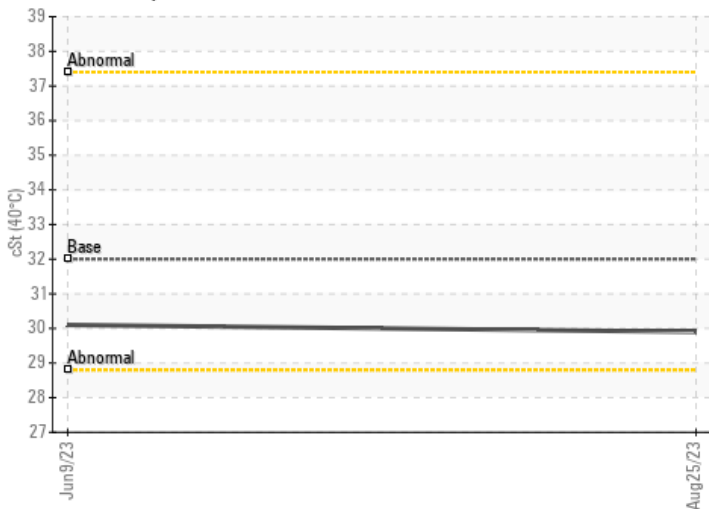
Ferrous Alloys



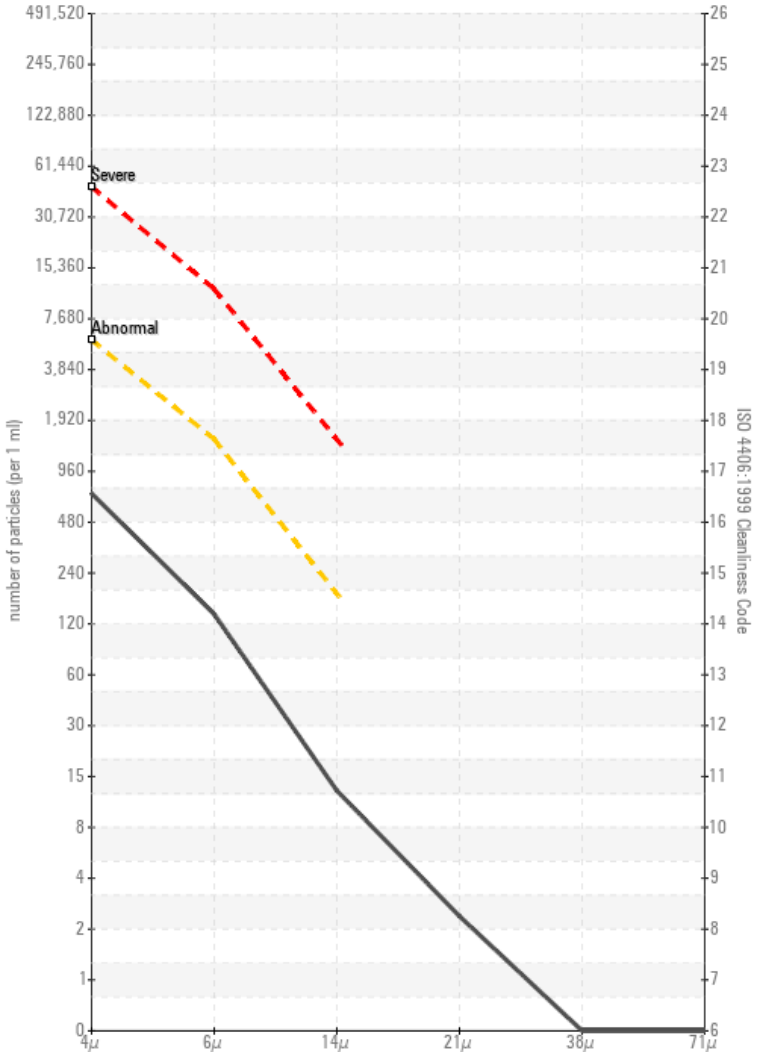
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

