



CONSTRUCTION EQUIPMENT

SWA428229-10 KOKOSIN VOLVO EC480 314910 - HYDRAULIC SYSTEM



Sample No: VCP433472
Oil Type: NOT GIVEN
Job No: SWA428229-10 KOKOSIN



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

Sample Number	VCP433472	VCP422928	---	---
Sample Date	01 Dec 2023	04 Aug 2023	---	---
Machine Hours	1785	1694	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.9	40.3	---	---
Acid Number (AN)	mg KOH/g	0.70	0.59	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		14265	5035	---	---
Particles >6µm		744	966	---	---
Particles >14µm		37	61	---	---
ISO 4406:1999 (c)		21/17/12	20/17/13	---	---
Silicon	ppm	6	6	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	0	5	---	---
Copper	ppm	25	24	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	419	418	---	---
Magnesium	ppm	5	8	---	---
Zinc	ppm	576	607	---	---
Phosphorus	ppm	444	474	---	---
Barium	ppm	0	0	---	---
Boron	ppm	8	8	---	---

Diagnosis

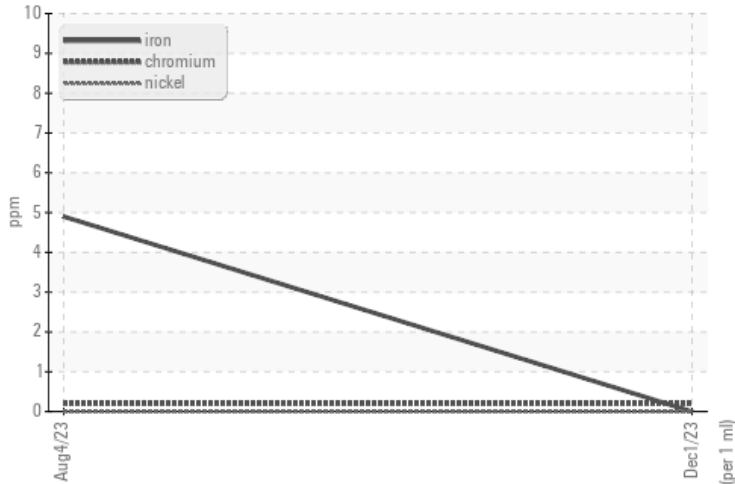
Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO2990
Unique No: 10780263
Signed: Don Baldrige
Report Date: 13 Dec 2023

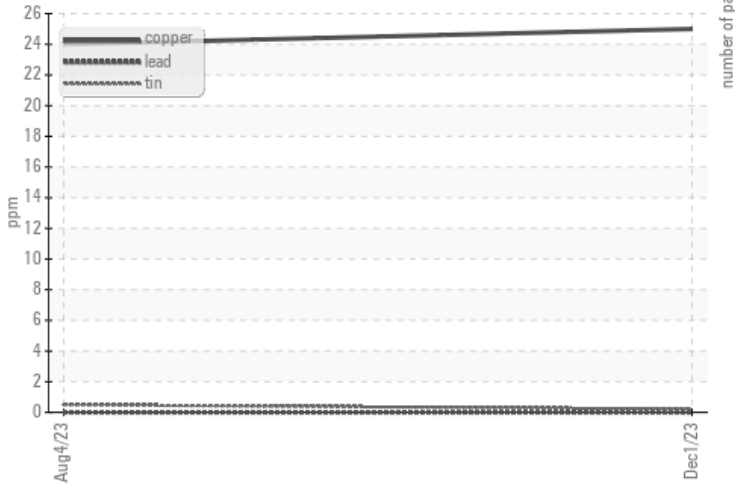


VOLVO GRAPHS

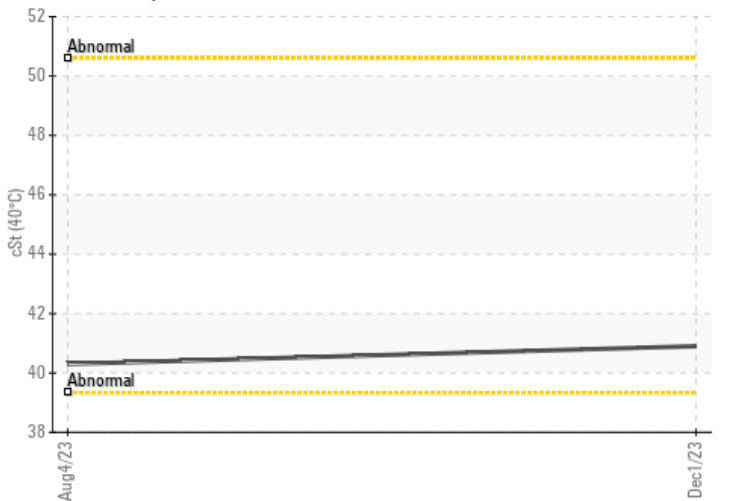
Ferrous Alloys



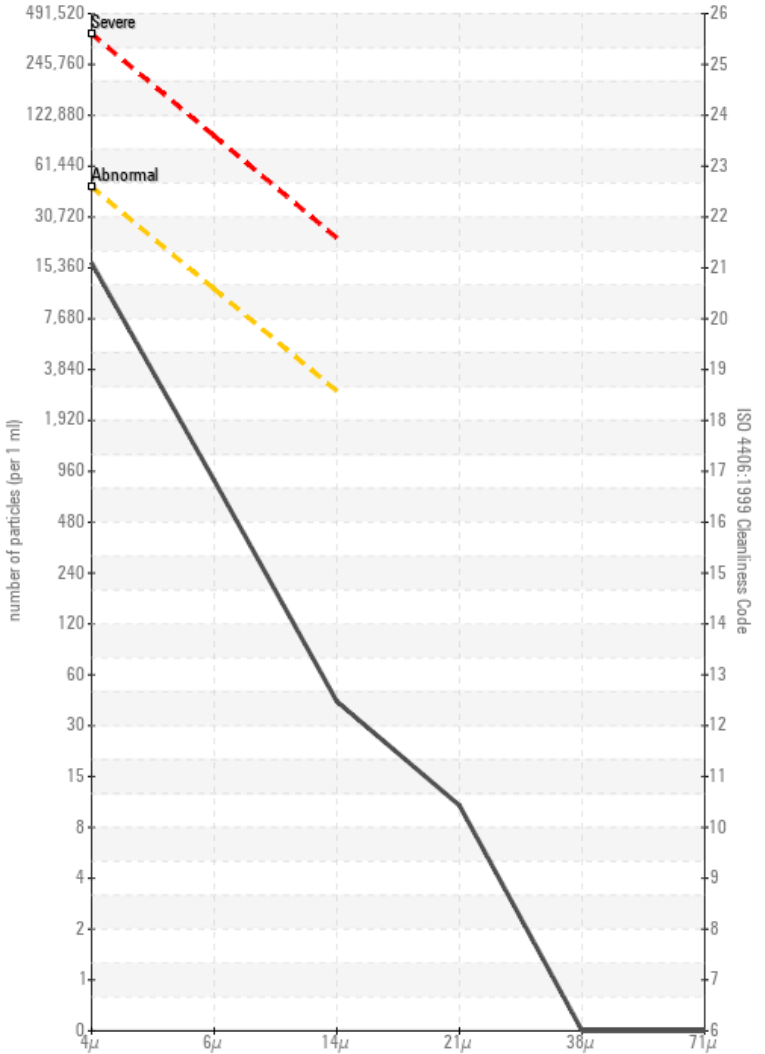
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

