



CONSTRUCTION EQUIPMENT

SW1034679 VOLVO ECR235E 315909 - HYDRAULIC SYSTEM



Sample No: VCP440856
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SW1034679



SAMPLE INFORMATION

Sample Number	VCP440856	---	---	---
Sample Date	20 May 2024	---	---	---
Machine Hours	1074	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 94	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 534	---	---	---
Phosphorus	ppm	█ 398	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO6174
Unique No: 11047136
Signed: Don Baldrige
Report Date: 29 May 2024

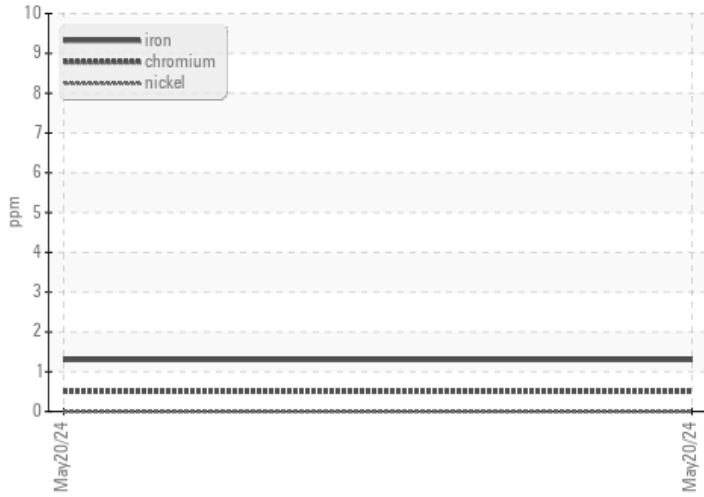


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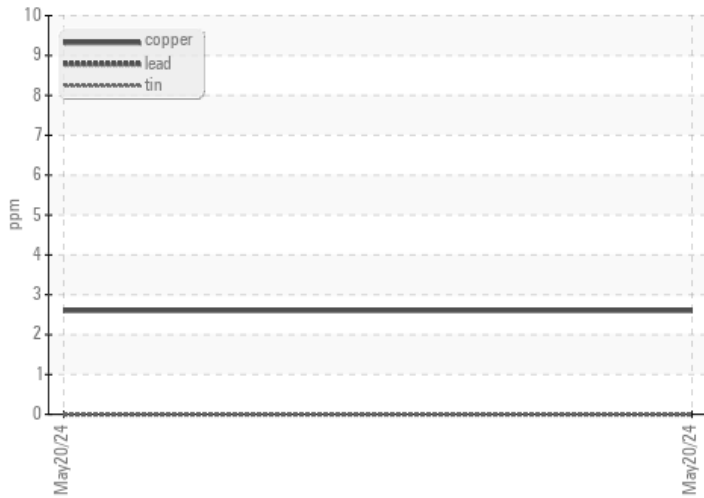


GRAPHS

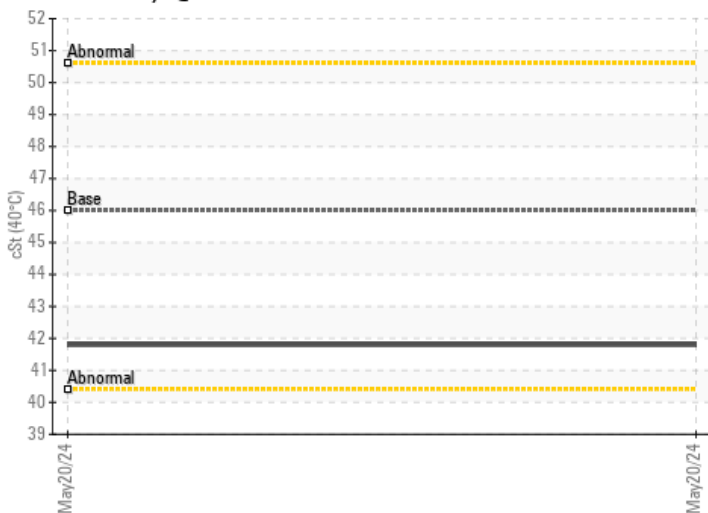
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

