



CONSTRUCTION EQUIPMENT

VOLVO ECR305CL 001 10439 - HYDRAULIC SYSTEM



Sample No: VCP437982

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP437982	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	5085	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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 US 70087
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 ssalmeron@scottcompanies.com
 T: (504)461-0961
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OIL CONDITION

Visc @ 40°C	cSt	█ 43.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.54	---	---	---

Diagnosis



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 45297	---	---	---
Particles >6µm		█ 5619	---	---	---
Particles >14µm		█ 207	---	---	---
ISO 4406:1999 (c)		23/20/15	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 31	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	447	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	577	---	---	---
Phosphorus	ppm	506	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: SCOSAI
Unique No: 10831562
Signed: Jonathan Hester
Report Date: 16 Jan 2024

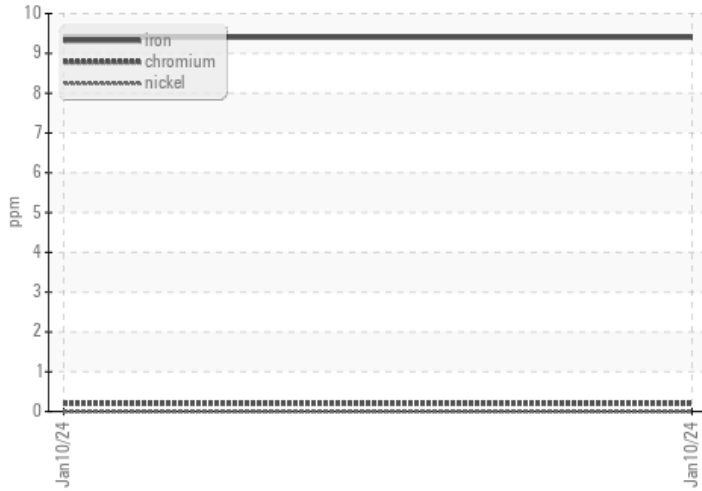


CONSTRUCTION EQUIPMENT



GRAPHS

Ferrous Alloys



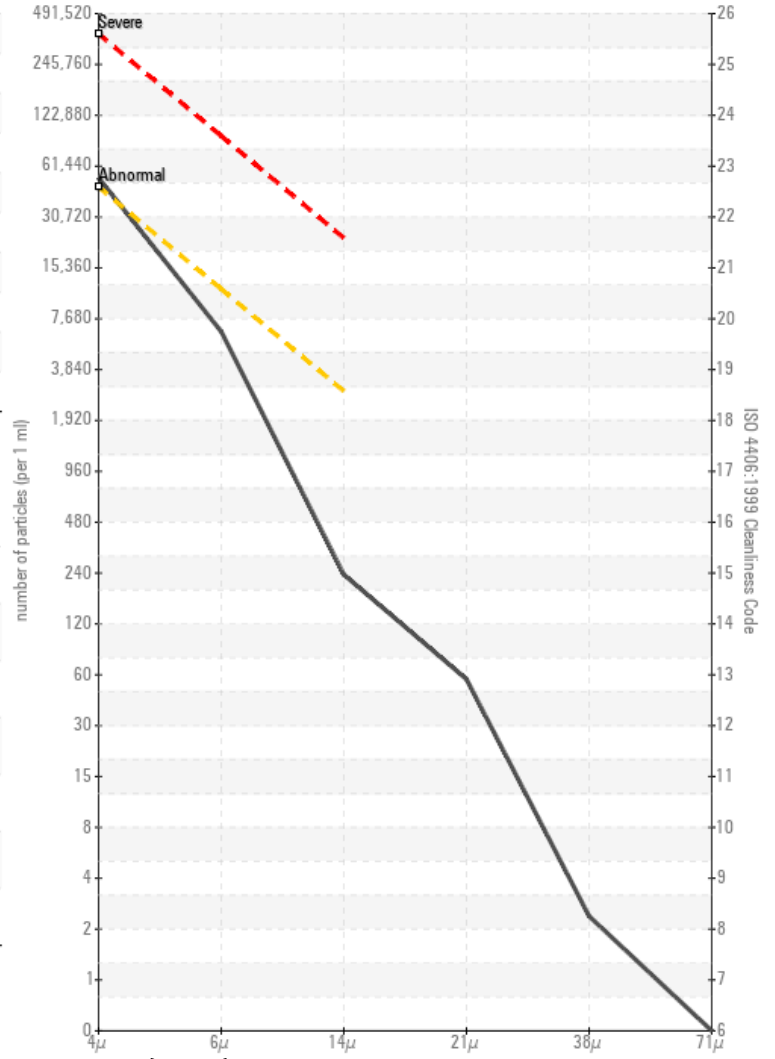
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

