



CONSTRUCTION EQUIPMENT

280137 VOLVO ECR305 6913 - HYDRAULIC SYSTEM



Sample No: VCP273997
Oil Type: AW HYDRAULIC OIL ISO 32
Job No: 280137



SAMPLE INFORMATION

Sample Number	VCP273997	---	---	---
Sample Date	08 Apr 2021	---	---	---
Machine Hours	8092	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT-EDMONTON

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OIL CONDITION

Visc @ 40°C	cSt	■ 31.3	---	---	---
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CONTAMINATION

Particles >4µm		▲ 70089	---	---	---
Particles >6µm		■ 4366	---	---	---
Particles >14µm		■ 44	---	---	---
ISO 4406:1999 (c)		23/19/13	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

We recommend you service the filters on this component. 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. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 37	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 428	---	---	---
Phosphorus	ppm	■ 323	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 2	---	---	---

Depot: VOLVO3908

Unique No: 5214135

Signed: Wes Davis

Report Date: 04 May 2021

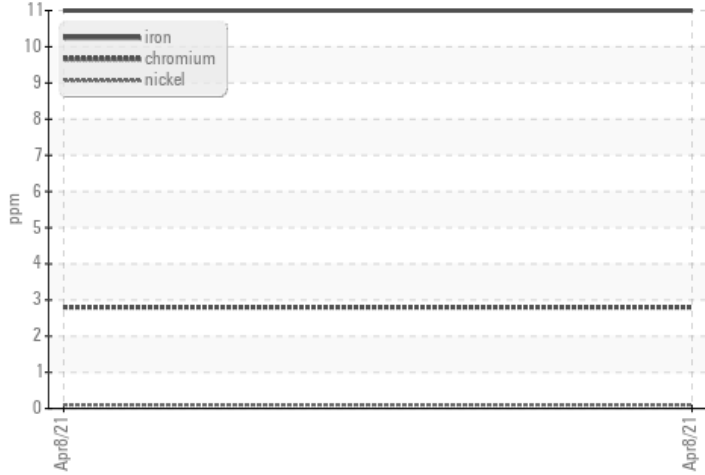


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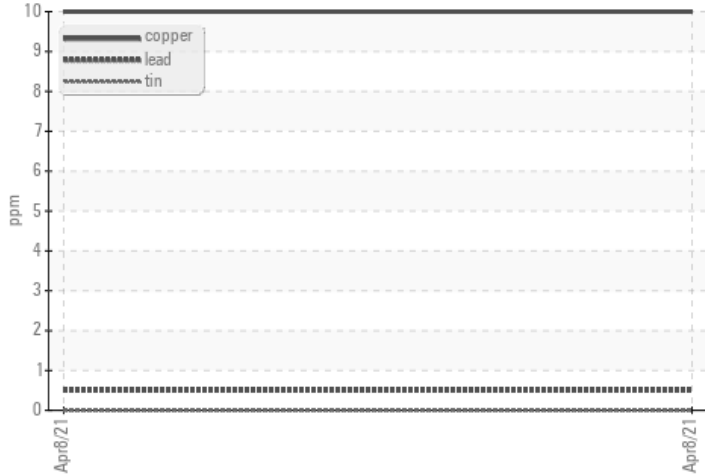


GRAPHS

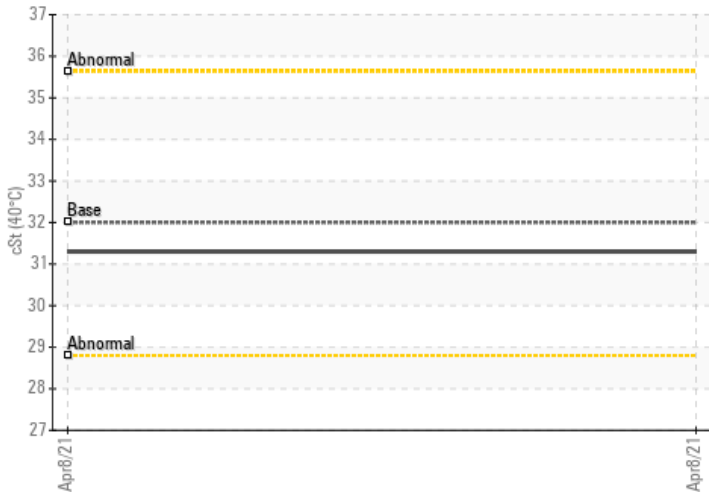
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

