



CONSTRUCTION EQUIPMENT

8000277406 VOLVO L306S 3224376 - HYDRAULIC SYSTEM



Sample No: VCP380636
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 8000277406



SAMPLE INFORMATION

Sample Number	VCP380636	---	---	---
Sample Date	13 Mar 2021	---	---	---
Machine Hours	1471	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIP (AB)
6 - 38403 BURNT LAKE TRAIL
RED DEER COUNTY, AB
CA T4S 2L4
Contact: Perry Doyle
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OIL CONDITION

Visc @ 40°C	cSt	32.0	---	---	---
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CONTAMINATION

Particles >4µm		9025	---	---	---
Particles >6µm		278	---	---	---
Particles >14µm		26	---	---	---
ISO 4406:1999 (c)		20/15/12	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	8	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	43	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	427	---	---	---
Phosphorus	ppm	319	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: VOLVO9652
Unique No: 5189044
Signed: Kevin Marson
Report Date: 17 Mar 2021

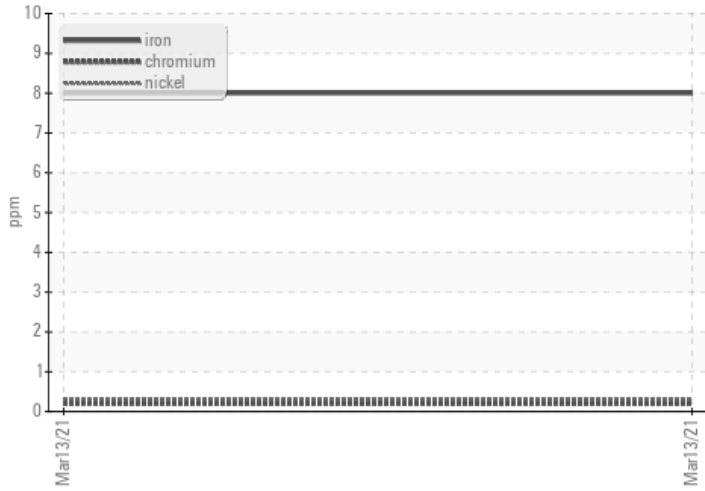


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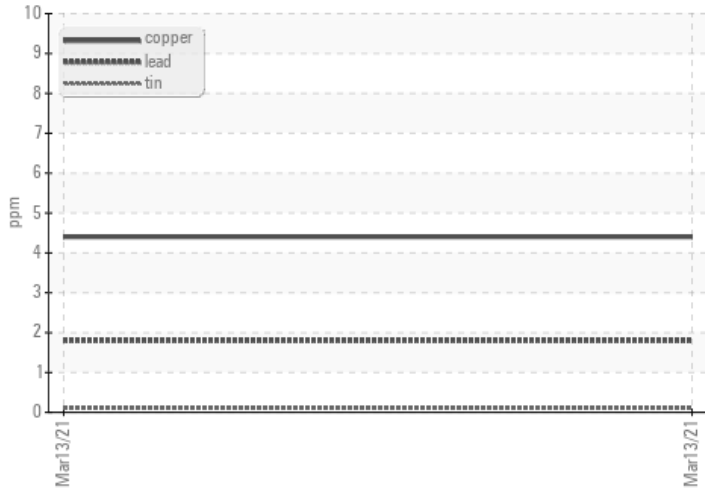


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

