



CONSTRUCTION EQUIPMENT

327210 VOLVO EC480E 314662 - HYDRAULIC SYSTEM



Sample No: VCP297761
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 327210



STRONGCO EQUIPMENT-EDMONTON
 25616 117 Ave NW
 Acheson, AB
 CA T7X 6C2
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 T: Phone
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SAMPLE INFORMATION

Sample Number	VCP297761	---	---	---
Sample Date	08 Jun 2022	---	---	---
Machine Hours	1272	---	---	---
Oil Hours	1272	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
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CONTAMINATION

Particles >4µm		█ 12705	---	---	---
Particles >6µm		█ 321	---	---	---
Particles >14µm		█ 7	---	---	---
ISO 4406:1999 (c)		21/16/10	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 110	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 502	---	---	---
Phosphorus	ppm	█ 392	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	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. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3908
Unique No: 5421765
Signed: Wes Davis
Report Date: 24 Jun 2022

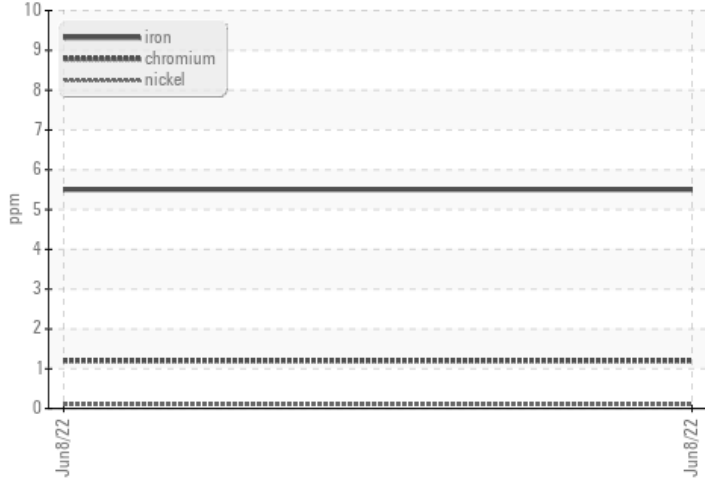


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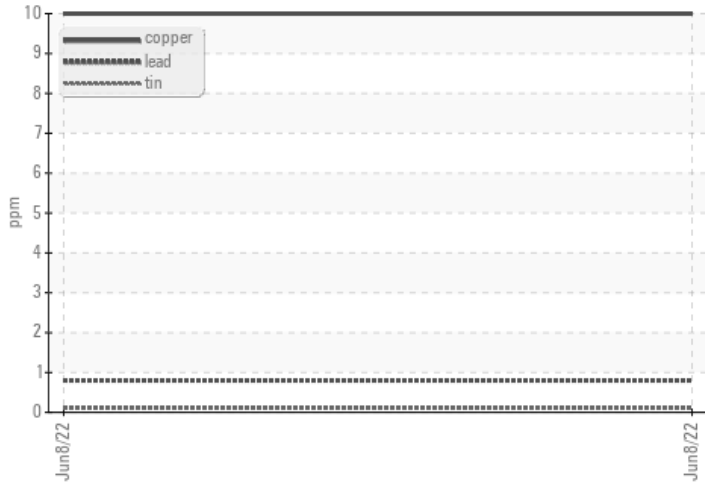


VOLVO GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

