



CONSTRUCTION EQUIPMENT

VOLVO A45G 352632 - HYDRAULIC SYSTEM



Sample No: VCP379141
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP379141	---	---	---
Sample Date	30 Jun 2022	---	---	---
Machine Hours	1092	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

A J MCDIRT
P.O. BOX 781
STERLING, IL
US 61081
Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	█ 42.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---

T: (815)631-1606
F:

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 10818	---	---	---
Particles >6µm		█ 1529	---	---	---
Particles >14µm		█ 85	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis
Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 64	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 439	---	---	---
Phosphorus	ppm	█ 327	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: AJMSTE
Unique No: 10049580
Signed: Don Baldrige
Report Date: 15 Jul 2022

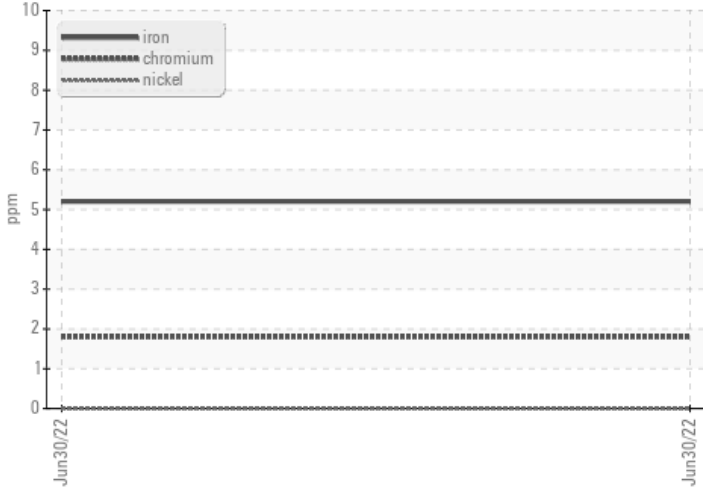


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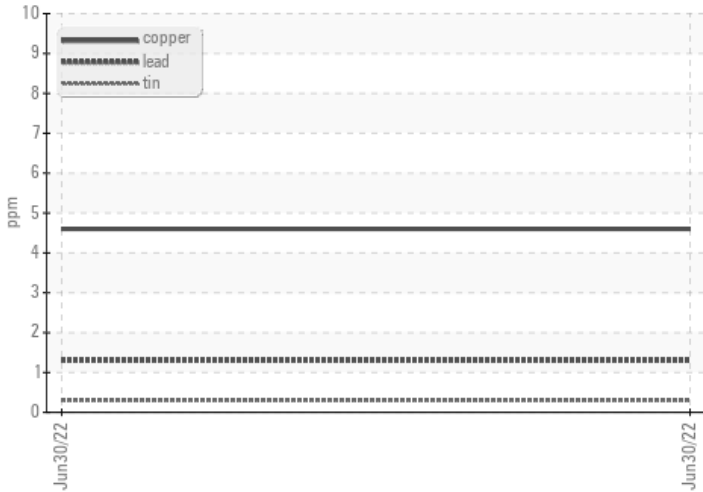


VOLVO GRAPHS

Ferrous Alloys



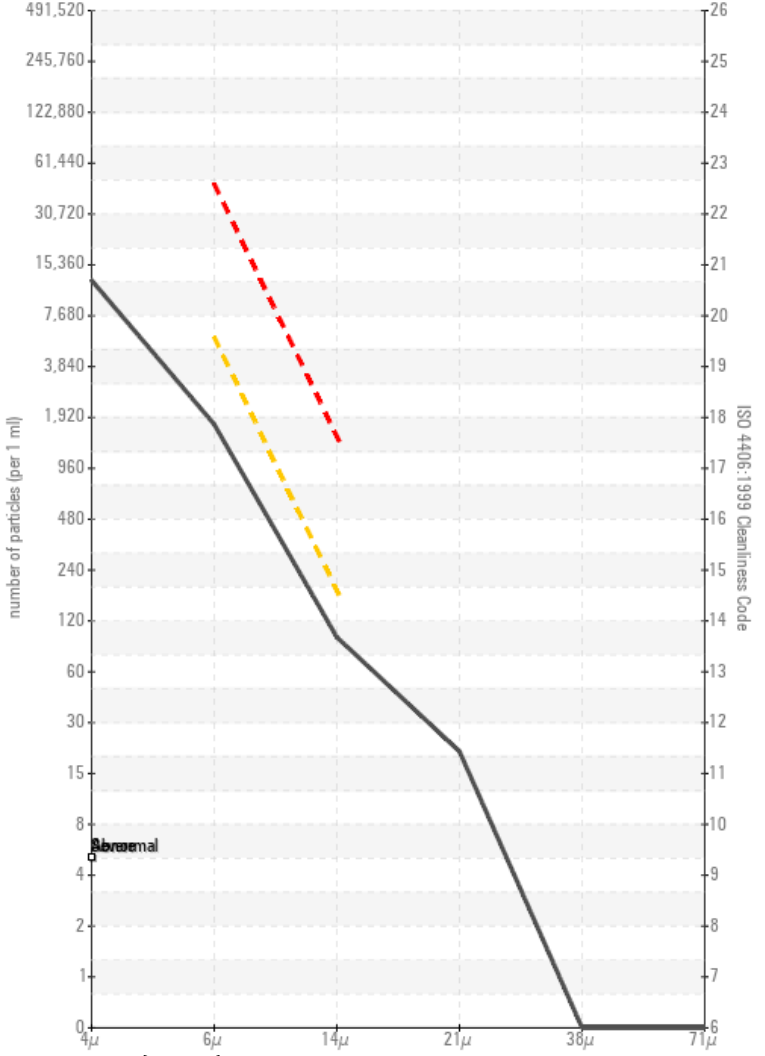
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

