CONSTRUCTION EQUIPMENT
VOLVO A40G 352778 - HYDRAULIC SYSTEM

Sample No: VCP415811
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:

ALTA EQUIPMENT COMPANY
5151 DR MARTIN LUTHER KING BLVD
FORT MYERS, FL
US 33905
Contact: TODD LARK
tlark@altaequipfl.com
T:
F: (239)481-3302

SAMPLE INFORMATION

Sample Number		**VCP415811**	---	---	---
Sample Date		**29 Jun 2023**	---	---	---
Machine Hours		**3734**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Changed**	---	---	---
Sample Status		**NORMAL**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**44.3**	---	---	---
Acid Number (AN)	mg KOH/g	**0.35**	---	---	---

CONTAMINATION

Particles >4µm		**4151**	---	---	---
Particles >6µm		**479**	---	---	---
Particles >14µm		**34**	---	---	---
ISO 4406:1999 (c)		**19/16/12**	---	---	---
Silicon	ppm	**19**	---	---	---
Sodium	ppm	**2**	---	---	---
Potassium	ppm	**1**	---	---	---

WEAR METALS

Iron	ppm	**12**	---	---	---
Copper	ppm	**3**	---	---	---
Lead	ppm	**3**	---	---	---
Tin	ppm	**<1**	---	---	---
Aluminum	ppm	**10**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**0**	---	---	---
Nickel	ppm	**0**	---	---	---
Titanium	ppm	**<1**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**0**	---	---	---
Vanadium	ppm	**<1**	---	---	---

ADDITIVES

Calcium	ppm	**94**	---	---	---
Magnesium	ppm	**4**	---	---	---
Zinc	ppm	**436**	---	---	---
Phosphorus	ppm	**343**	---	---	---
Barium	ppm	**<1**	---	---	---
Boron	ppm	**0**	---	---	---

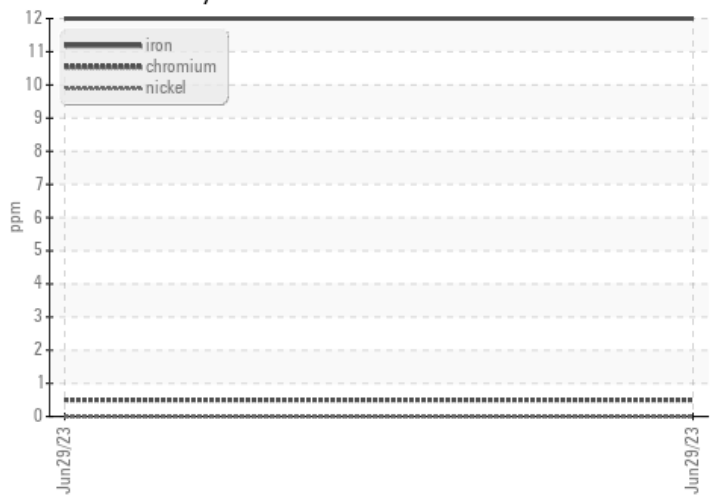
Diagnosis

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

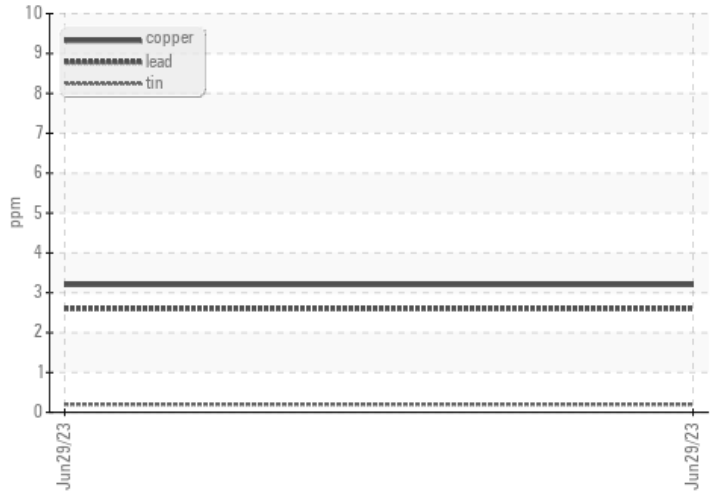
Depot: VOLVO0090
Unique No: 10547067
Signed: Angela Borella
Report Date: 07 Jul 2023

GRAPHS

Ferrous Alloys

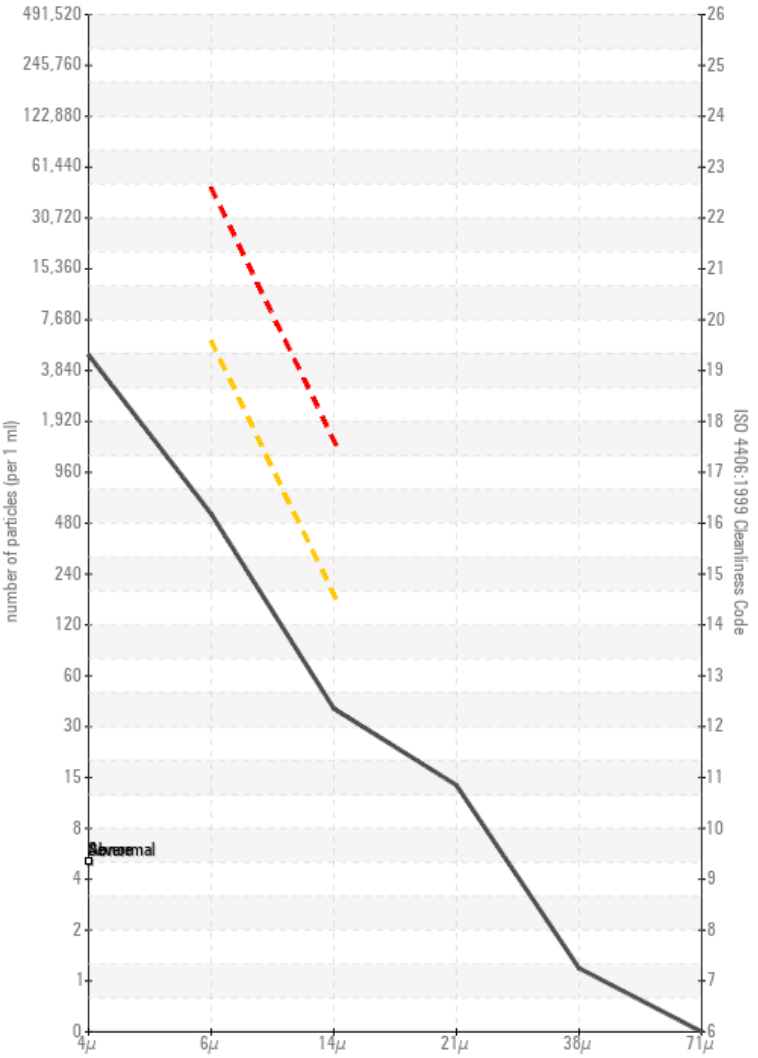


Non-ferrous Metals



Viscosity @ 40°C

Particle Count



Acid Number