CONSTRUCTION EQUIPMENT
A12465 VOLVO A35G 352266 - HYDRAULIC SYSTEM

Sample No: VCP446463
Oil Type: MOBIL HYDRAULIC OIL AW 46
Job No: A12465

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SAMPLE INFORMATION

Sample Number		**VCP446463**	---	---	---
Sample Date		**16 Apr 2024**	---	---	---
Machine Hours		**555**	---	---	---
Oil Hours		**555**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**43.5**	---	---	---
Acid Number (AN)	mg KOH/g	**0.44**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Particles >4µm		**7684**	---	---	---
Particles >6µm		**2557**	---	---	---
Particles >14µm		**193**	---	---	---
ISO 4406:1999 (c)		**20/19/15**	---	---	---
Silicon	ppm	**5**	---	---	---
Sodium	ppm	**0**	---	---	---
Potassium	ppm	**0**	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	**53**	---	---	---
Magnesium	ppm	**<1**	---	---	---
Zinc	ppm	**425**	---	---	---
Phosphorus	ppm	**317**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

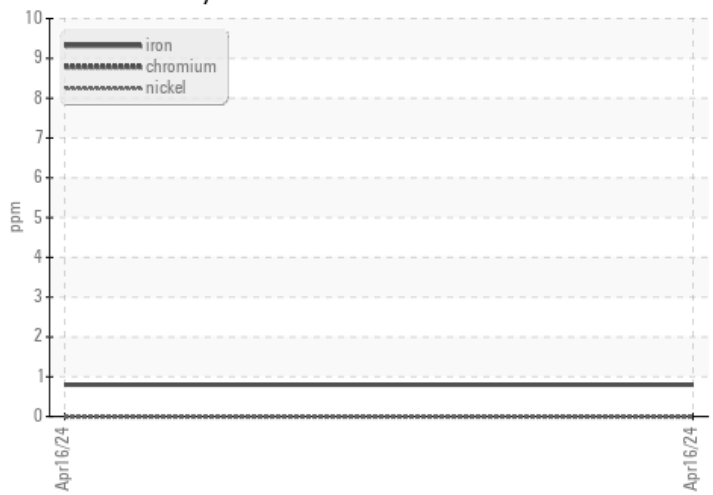
Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

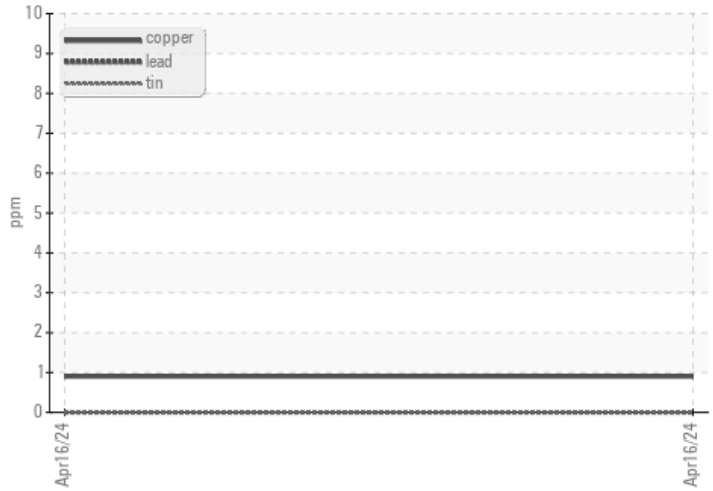
Depot: JAAPHI
Unique No: 10991251
Signed: Don Baldridge
Report Date: 24 Apr 2024

GRAPHS

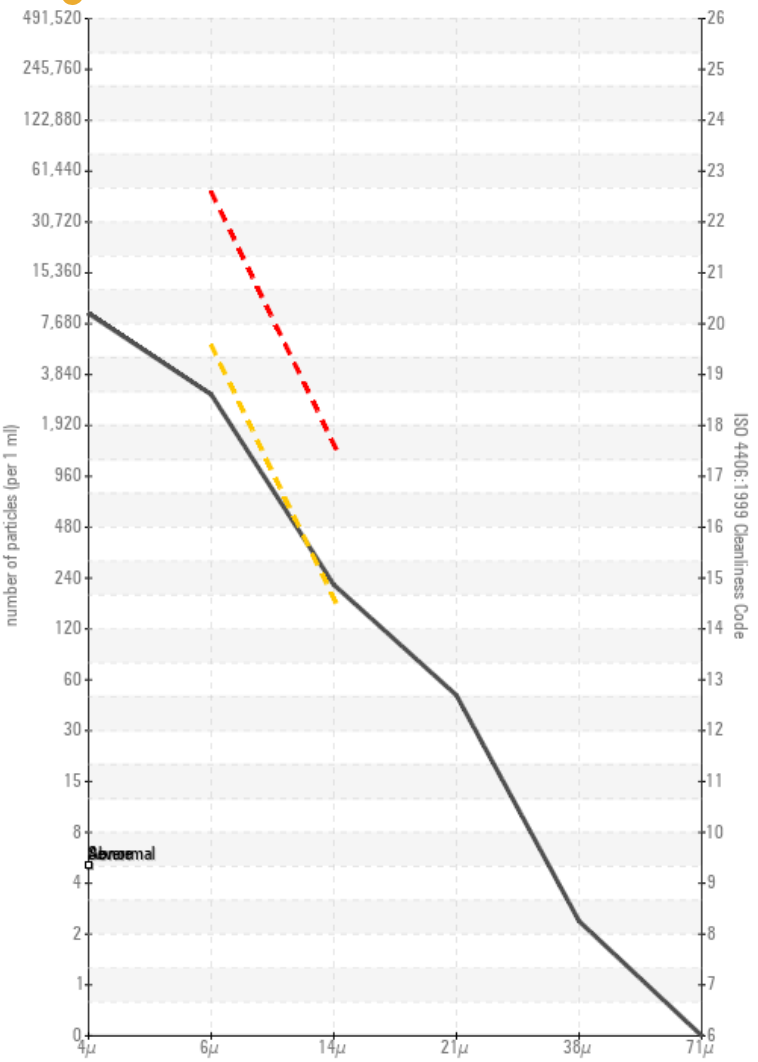
Ferrous Alloys



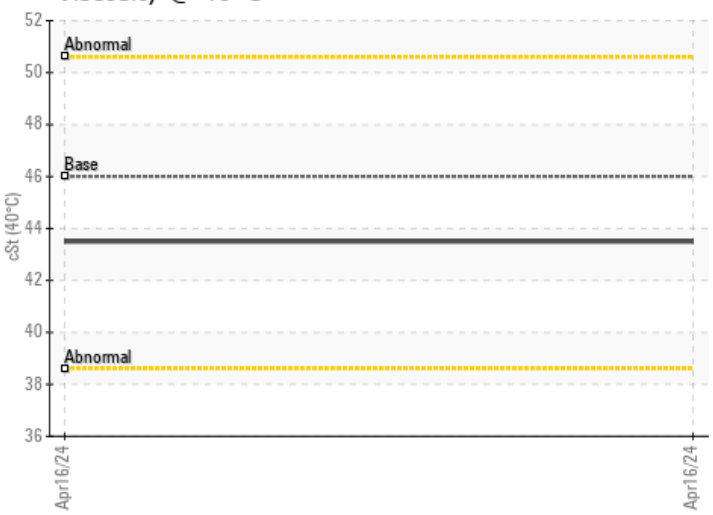
Non-ferrous Metals



Particle Count



Viscosity @ 40°C



Acid Number