CONSTRUCTION EQUIPMENT
716570 VOLVO L25H 1420334 - HYDRAULIC SYSTEM

Sample No: VCP449896
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 716570

CADILLAC ASPHALT PAVING LLC
2575 HAGGERTY ROAD
CANTON, MI
US 48188
Contact: SERVICE MANAGER

T: (734)394-0261
F:

SAMPLE INFORMATION

Sample Number		**VCP449896**	---	---	---
Sample Date		**22 May 2024**	---	---	---
Machine Hours		**1540**	---	---	---
Oil Hours		**1540**	---	---	---
Oil Changed		**Changed**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**41.5**	---	---	---
Acid Number (AN)	mg KOH/g	**0.39**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Particles >4µm		**9689**	---	---	---
Particles >6µm		**1507**	---	---	---
Particles >14µm		**91**	---	---	---
ISO 4406:1999 (c)		**20/18/14**	---	---	---
Silicon	ppm	**2**	---	---	---
Sodium	ppm	**0**	---	---	---
Potassium	ppm	**<1**	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	**45**	---	---	---
Magnesium	ppm	**2**	---	---	---
Zinc	ppm	**413**	---	---	---
Phosphorus	ppm	**322**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**0**	---	---	---

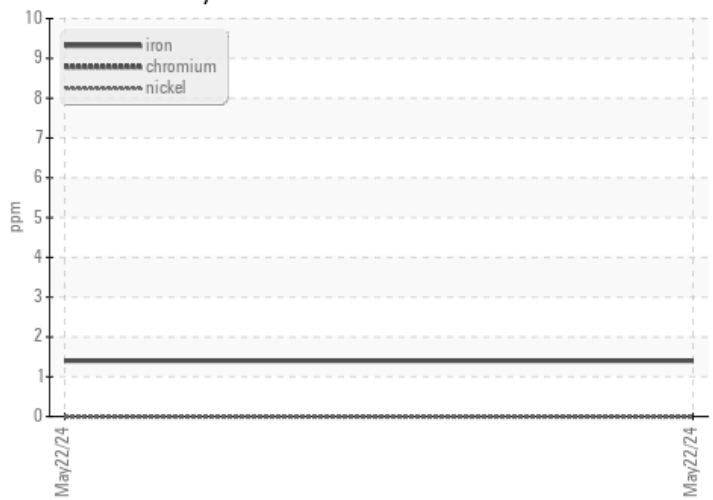
Diagnosis

The 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 a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

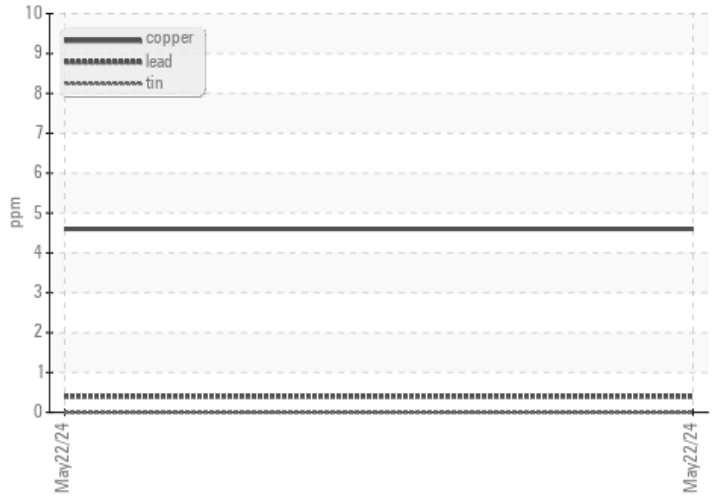
Depot: CADCAN
Unique No: 11048878
Signed: Wes Davis
Report Date: 29 May 2024

GRAPHS

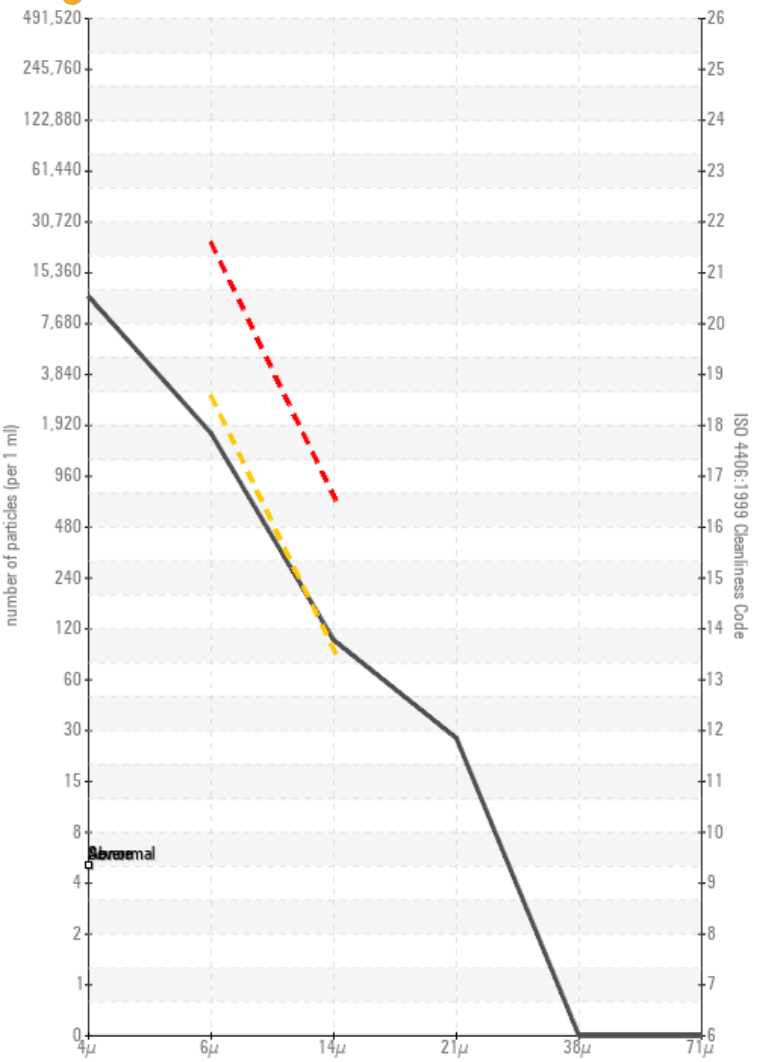
Ferrous Alloys



Non-ferrous Metals



Particle Count



Viscosity @ 40°C

Acid Number