CONSTRUCTION EQUIPMENT
E15324 VOLVO L30B 1836324 - HYDRAULIC SYSTEM

Sample No: VCP383327
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: E15324

MCCAIN FOODS
319 RICHARDSON RD
EASTON, ME
US 04740
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SAMPLE INFORMATION

Sample Number		**VCP383327**	VCP247794	---	---
Sample Date		**01 May 2024**	02 May 2019	---	---
Machine Hours		**5956**	3490	---	---
Oil Hours		**0**	0	---	---
Oil Changed		**Changed**	Not Changd	---	---
Sample Status		**ABNORMAL**	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	**40.1**	41.7	---	---
Acid Number (AN)	mg KOH/g	**0.35**	0.192	---	---

CONTAMINATION

Water	%	**NEG**	NEG	---	---
Particles >4µm		**29864**	1266	---	---
Particles >6µm		▲ **8964**	163	---	---
Particles >14µm		▲ **737**	27	---	---
ISO 4406:1999 (c)		**22/20/17**	17/15/12	---	---
Silicon	ppm	**4**	3	---	---
Sodium	ppm	**3**	<1	---	---
Potassium	ppm	**<1**	<1	---	---

WEAR METALS

Iron	ppm	**16**	3	---	---
Copper	ppm	**7**	2	---	---
Lead	ppm	**0**	<1	---	---
Tin	ppm	**0**	<1	---	---
Aluminum	ppm	**1**	<1	---	---
Chromium	ppm	**0**	<1	---	---
Molybdenum	ppm	**2**	0	---	---
Nickel	ppm	**0**	0	---	---
Titanium	ppm	**0**	0	---	---
Silver	ppm	**0**	0	---	---
Manganese	ppm	**0**	<1	---	---
Vanadium	ppm	**0**	0	---	---

ADDITIVES

Calcium	ppm	**54**	60	---	---
Magnesium	ppm	**1**	<1	---	---
Zinc	ppm	**430**	438	---	---
Phosphorus	ppm	**340**	342	---	---
Barium	ppm	**0**	0	---	---
Boron	ppm	**0**	<1	---	---

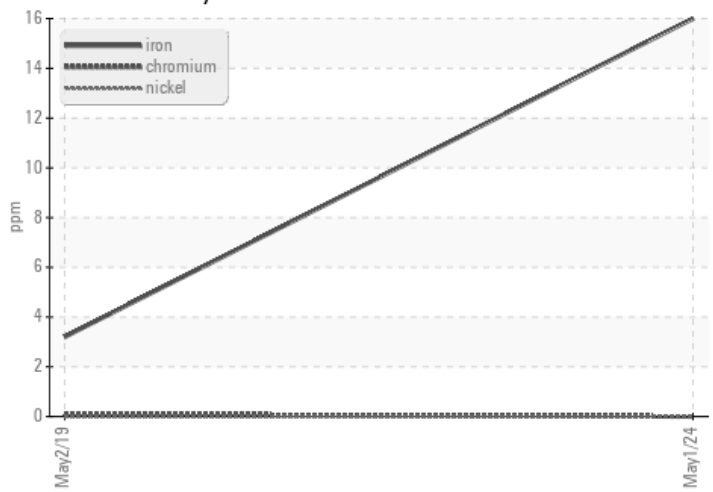
Diagnosis

Oil and filter change at the time of sampling has been noted. 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 high 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.

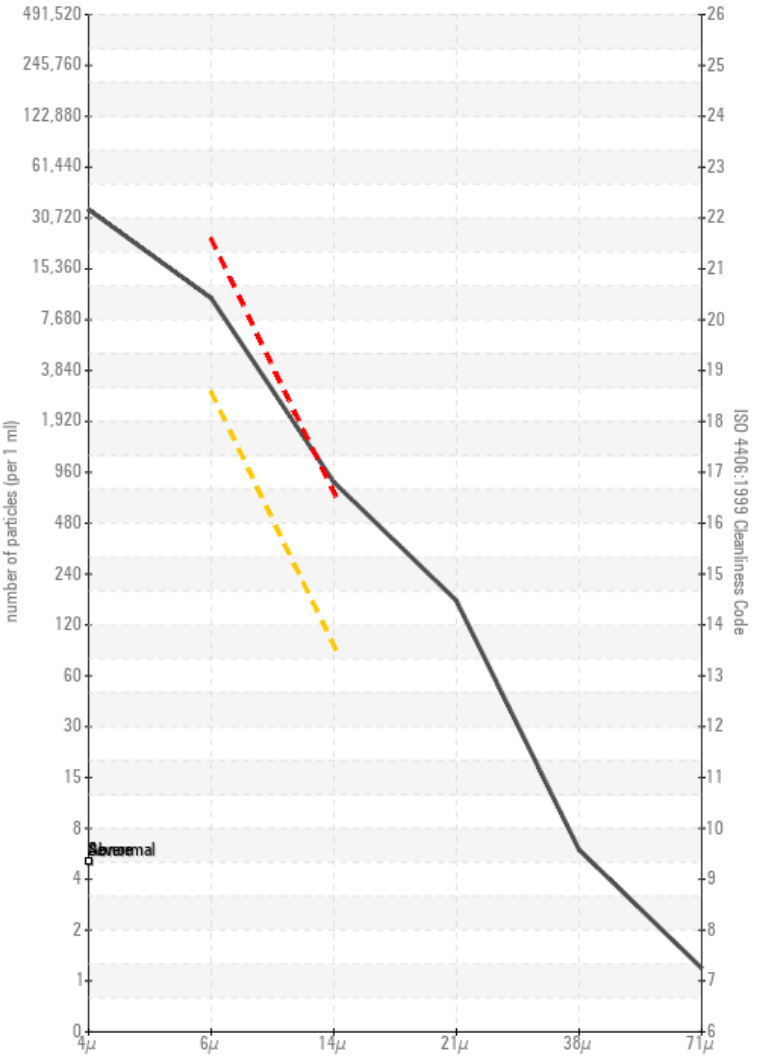
Depot: MCCEASVC
Unique No: 11058744
Signed: Don Baldridge
Report Date: 03 Jun 2024

GRAPHS

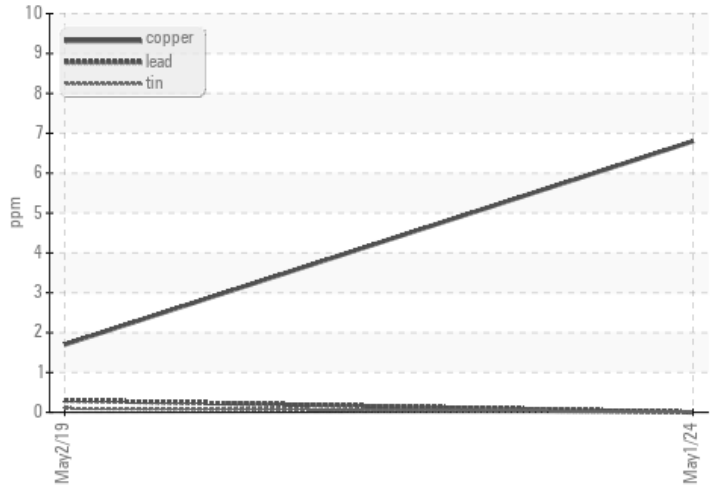
Ferrous Alloys



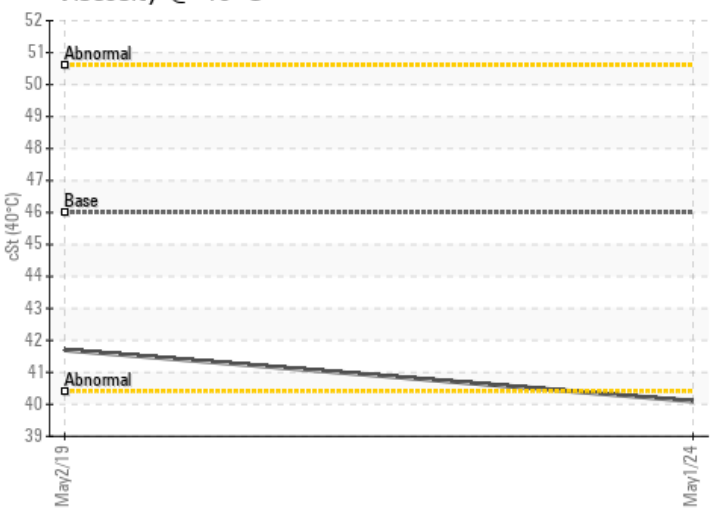
Particle Count



Non-ferrous Metals



Viscosity @ 40°C



Acid Number