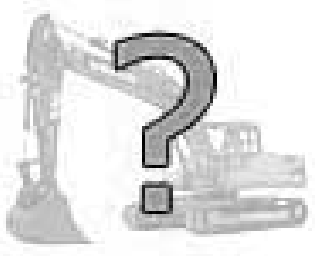
CONSTRUCTION EQUIPMENT

SPM620704 AMG RES SENNOBOGEN 835 835.0.2200 - HYDRAULIC SYSTEM

Sample No: VCP423428
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM620704 AMG RES



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5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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T: (312)350-2560
F:

SAMPLE INFORMATION

Sample Number		**VCP423428**	---	---	---
Sample Date		**19 Oct 2023**	---	---	---
Machine Hours		**16890**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**Not Changd**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**44.5**	---	---	---
Acid Number (AN)	mg KOH/g	**0.47**	---	---	---

CONTAMINATION

Particles >4µm		**3982**	---	---	---
Particles >6µm		**1407**	---	---	---
Particles >14µm		**134**	---	---	---
ISO 4406:1999 (c)		**19/18/14**	---	---	---
Silicon	ppm	**2**	---	---	---
Sodium	ppm	**0**	---	---	---
Potassium	ppm	**0**	---	---	---

WEAR METALS

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

ADDITIVES

Calcium	ppm	**427**	---	---	---
Magnesium	ppm	**12**	---	---	---
Zinc	ppm	**887**	---	---	---
Phosphorus	ppm	**681**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**2**	---	---	---

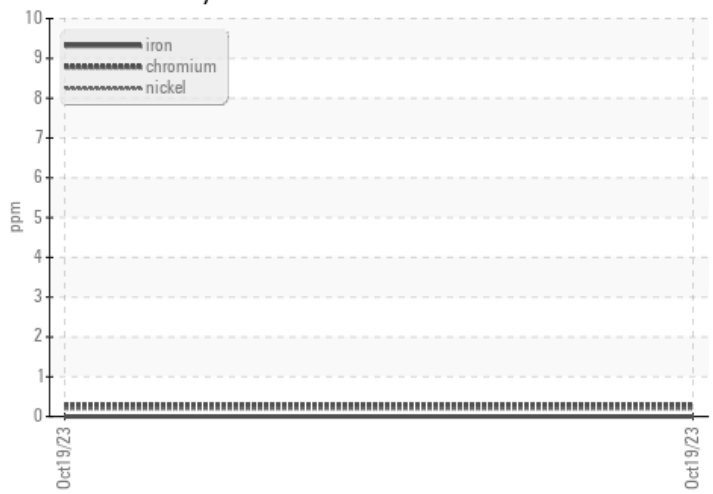
Diagnosis

We recommend you service the filters on this component. 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.

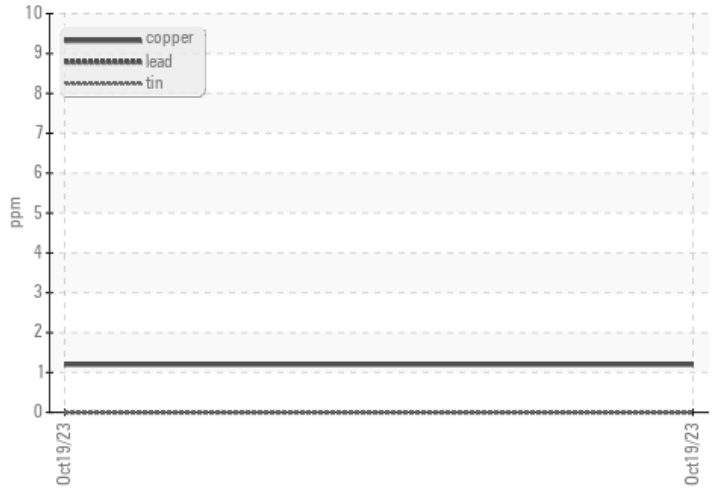
Depot: VOLVO8885
Unique No: 10712955
Signed: Wes Davis
Report Date: 27 Oct 2023

GRAPHS

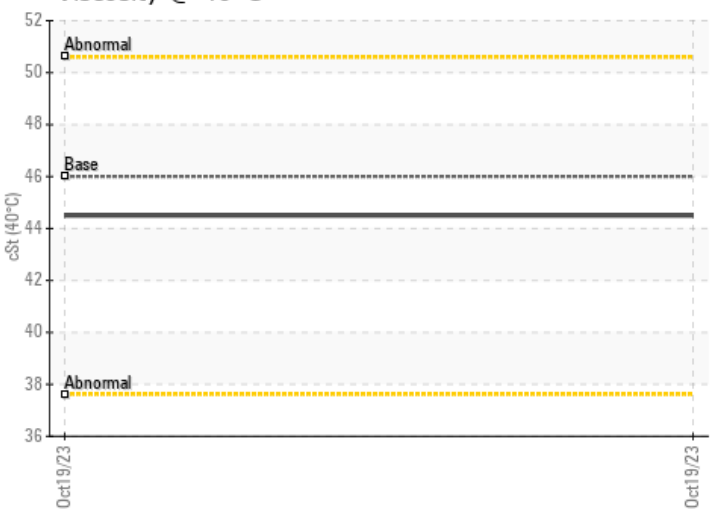
Ferrous Alloys



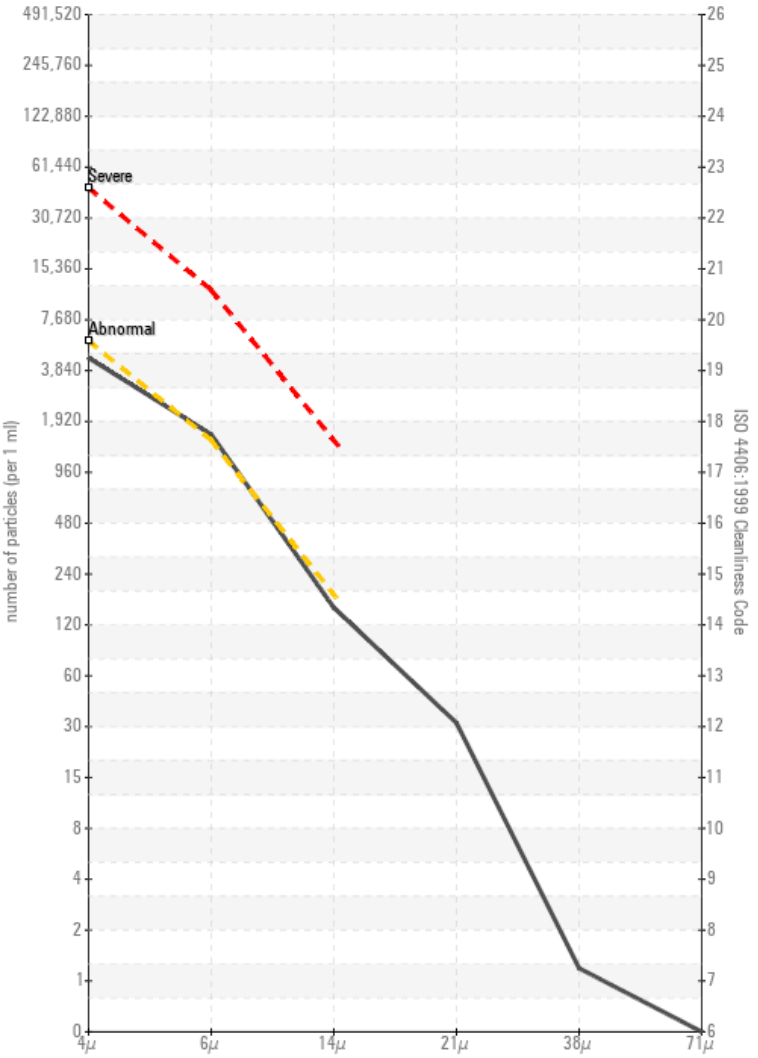
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number