



CONSTRUCTION EQUIPMENT

GD7284 VOLVO L350H 1103 - HYDRAULIC SYSTEM



Sample No: VCP339136
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: GD7284



SAMPLE INFORMATION

Sample Number	VCP339136	---	---	---
Sample Date	29 Oct 2021	---	---	---
Machine Hours	4320	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 4323 EAST WINSLOW AVENUE
 PHOENIX, AZ
 US 85040
 Contact: RANDY PRZEKURAT
 randyp@arnoldmachinery.com
 T:
 F: (602)414-1904

OIL CONDITION

Visc @ 40°C	cSt	█ 43.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.572	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 8557	---	---	---
Particles >6µm		█ 542	---	---	---
Particles >14µm		█ 39	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

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.

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1535	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 831	---	---	---
Phosphorus	ppm	█ 684	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 39	---	---	---

Depot: VOLVO6174
Unique No: 9733581
Signed: Don Baldrige
Report Date: 09 Nov 2021

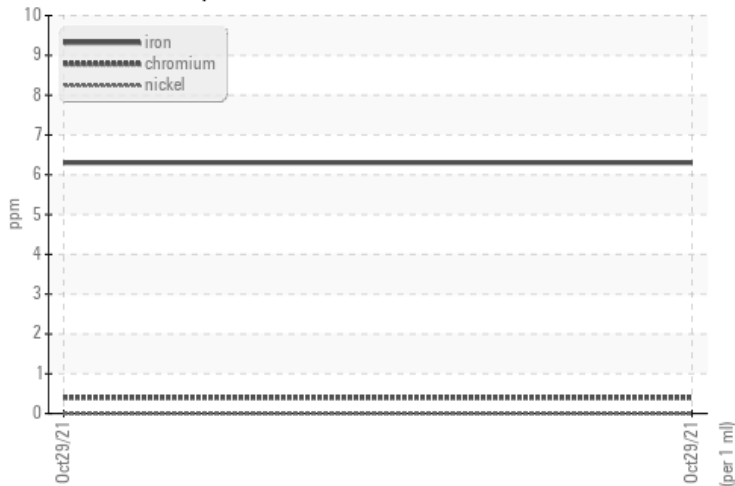


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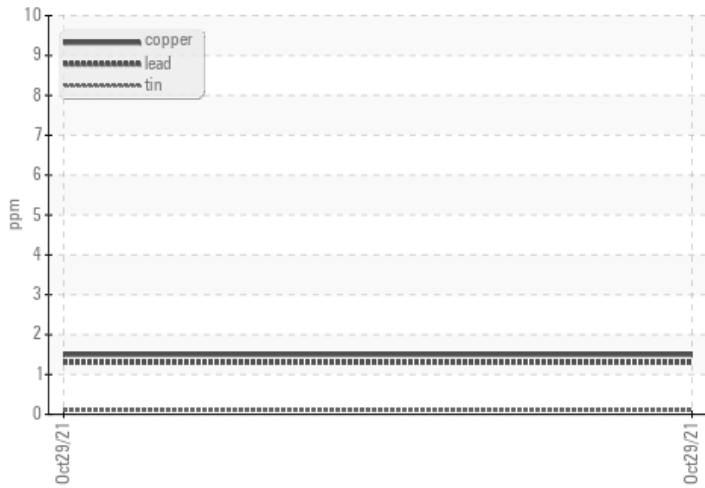


GRAPHS

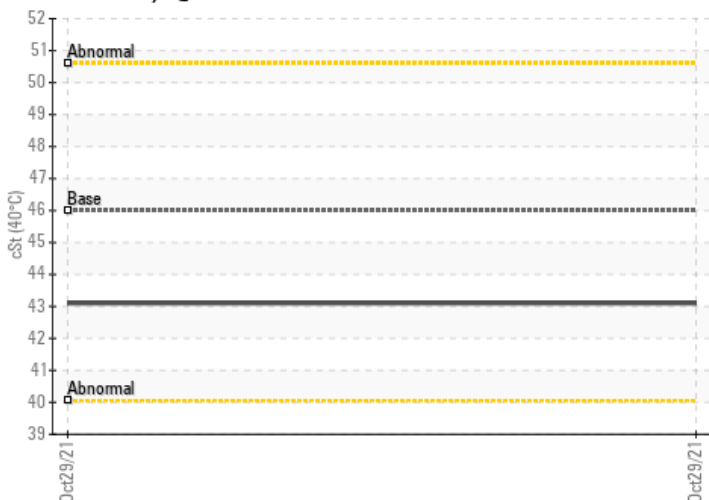
Ferrous Alloys



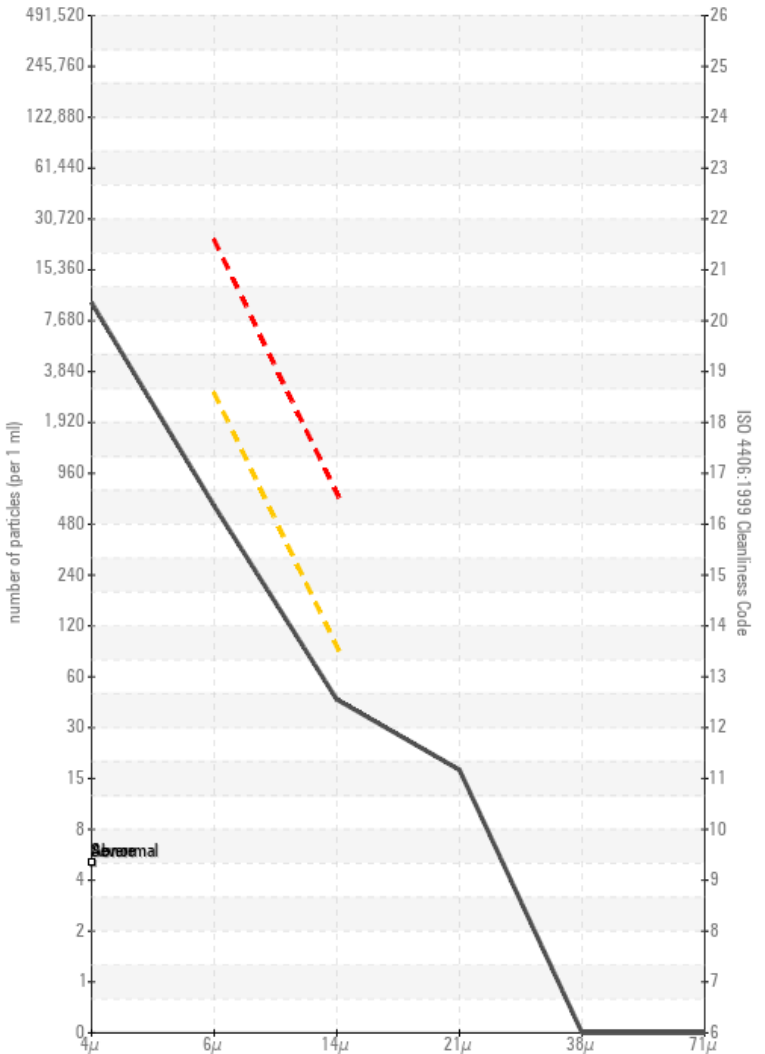
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

