



CONSTRUCTION EQUIPMENT

W213662 VOLVO L90H 623485 - HYDRAULIC SYSTEM



Sample No: VCP264854

Oil Type: VOLVO

Job No: W213662



SAMPLE INFORMATION

Sample Number	VCP264854	---	---	---
Sample Date	27 Dec 2019	---	---	---
Machine Hours	4971	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



TOWN OF NEW PALTZ HWY DEPT
 1 CLEARWATER RD
 NEW PALTZ, NY
 US 12561
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	■ 39.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.318	---	---	---

T: (845)255-5050
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 1662	---	---	---
Particles >6µm		■ 182	---	---	---
Particles >14µm		■ 13	---	---	---
ISO 4406:1999 (c)		18/15/11	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	146	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	461	---	---	---
Phosphorus	ppm	352	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	7	---	---	---

Depot: TOWNEWPAL
Unique No: 8880990
Signed: Doug Bogart
Report Date: 14 Jan 2020

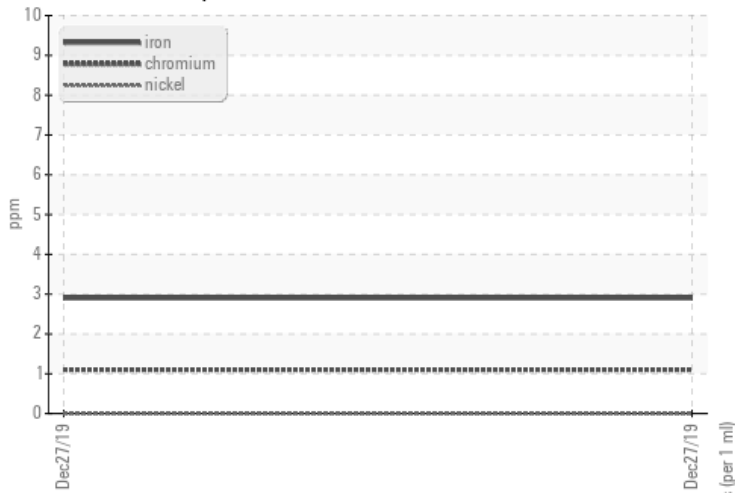


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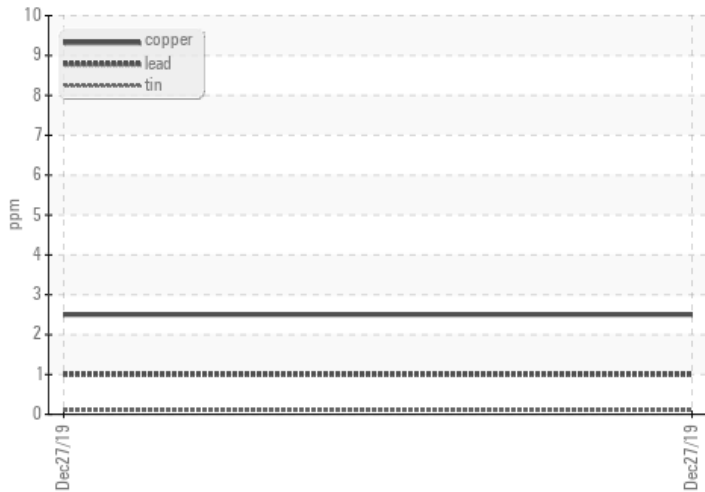


GRAPHS

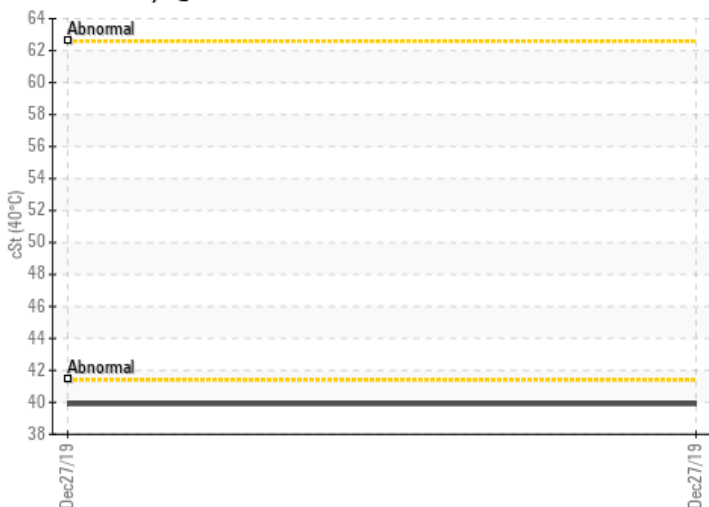
Ferrous Alloys



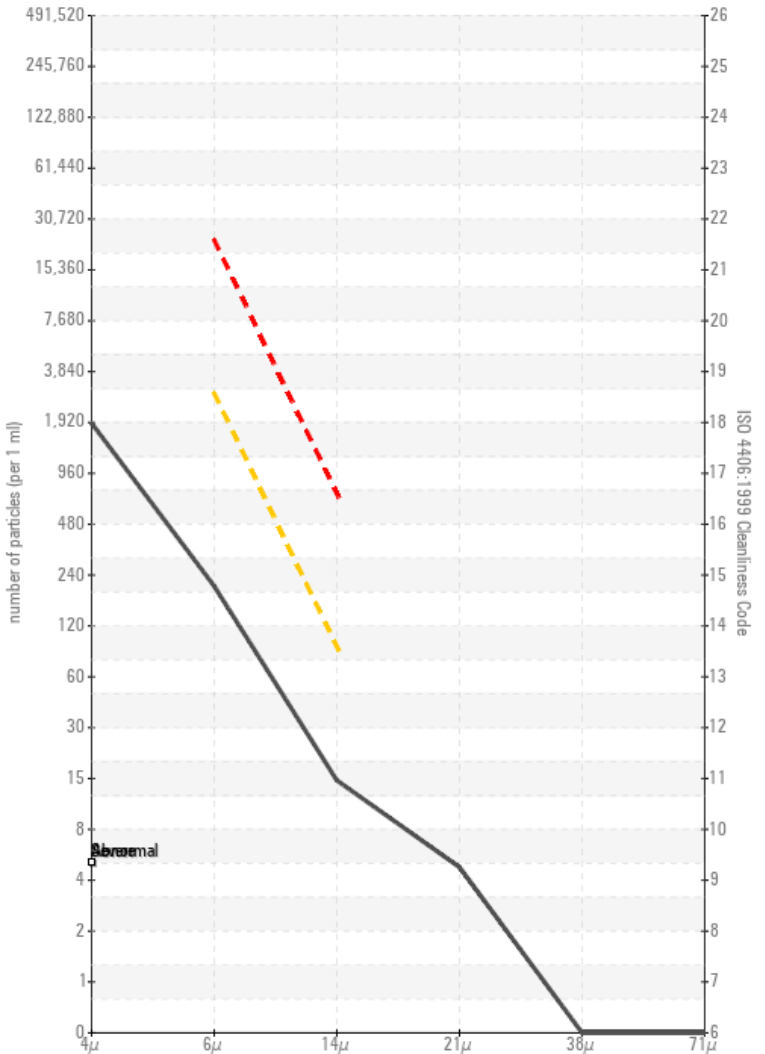
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

