



CONSTRUCTION EQUIPMENT

SWA092698 GULF RENT VOLVO L30GS 3220275 - HYDRAULIC SYSTEM



Sample No: VCP386710
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWA092698 GULF RENT



SAMPLE INFORMATION

Sample Number	VCP386710	---	---	---
Sample Date	31 Oct 2022	---	---	---
Machine Hours	5081	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.29	---	---	---



CONTAMINATION

Water	%	◆ 1.27	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 36	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 358	---	---	---
Phosphorus	ppm	█ 347	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

Diagnosis

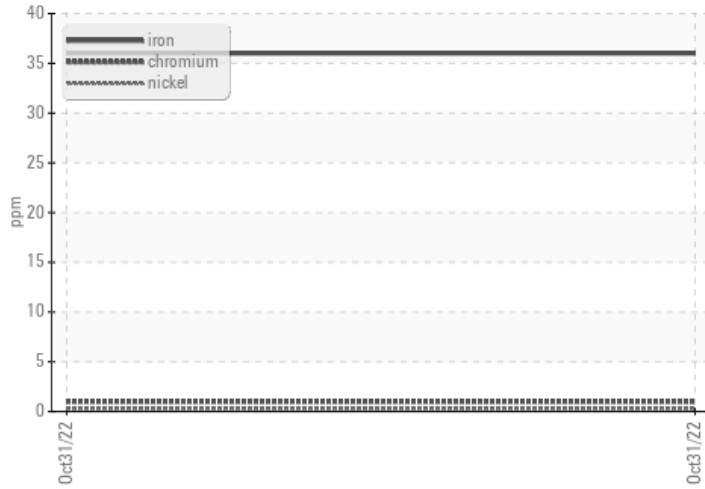
We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. There is too much water present in this sample to perform a particle count. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The AN level is acceptable for this fluid.

Depot: VOLVO0090
Unique No: 10205937
Signed: Don Baldrige
Report Date: 09 Nov 2022



GRAPHS

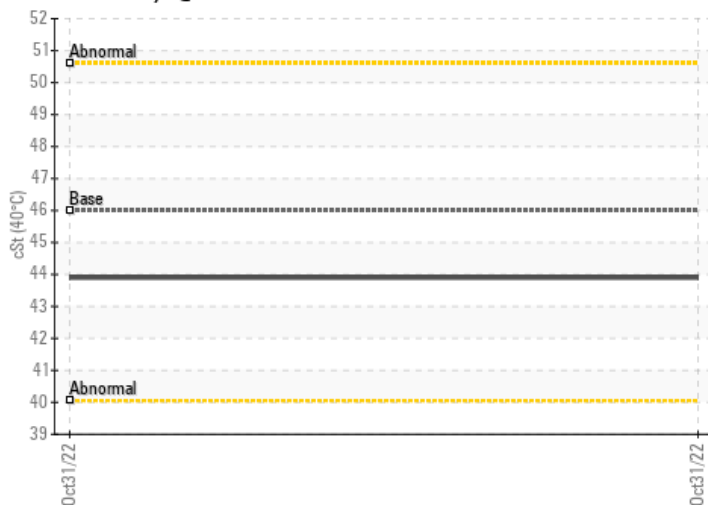
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

