

LIEBHERR

CONSTRUCTION EQUIPMENT



[[125626 WASTE MGMT]] TAYLOR 861321 - Hydraulic System

Sample No: LHMC99422

Oil Type: CHEVRON 1000 THF



SAMPLE INFORMATION

Sample Number	LHMC99422	---	---	---
Sample Date	12 Dec 2022	---	---	---
Machine Hours	4266	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 KENT, WA
 US 98032
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 ccopeland@pacwestmachinery.com
 T: (800)935-5933
 F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	● 40.9	---	---	---
Acid Number (AN)	mg KOH/g	● 0.74	---	---	---



CONTAMINATION

Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 20	---	---	---
Copper	ppm	● 141	---	---	---
Lead	ppm	● 73	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 3576	---	---	---
Magnesium	ppm	● 18	---	---	---
Zinc	ppm	● 1431	---	---	---
Phosphorus	ppm	● 1180	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 96	---	---	---

Diagnosis

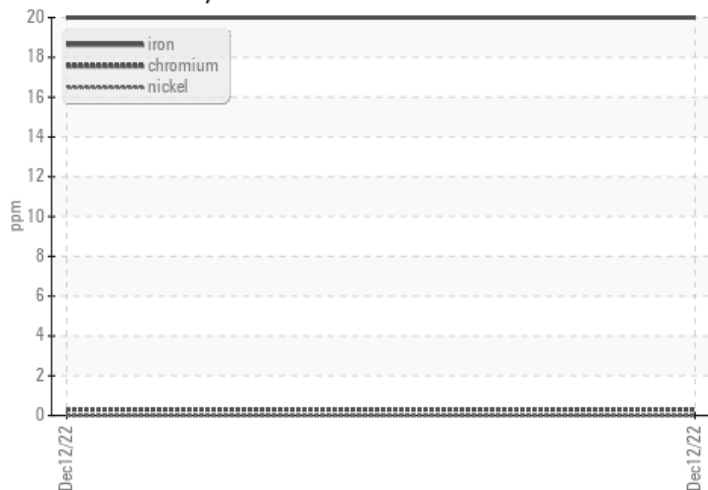
We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to metal particles present in this sample. Bearing and/or bushing wear is indicated. Moderate concentration of visible metal present. All other component wear rates are normal. No other contaminants were detected in the oil. The AN level is acceptable for this fluid.

Depot: VOLVO1271
 Unique No: 10561200
 Signed: Don Baldrige
 Report Date: 18 Jul 2023

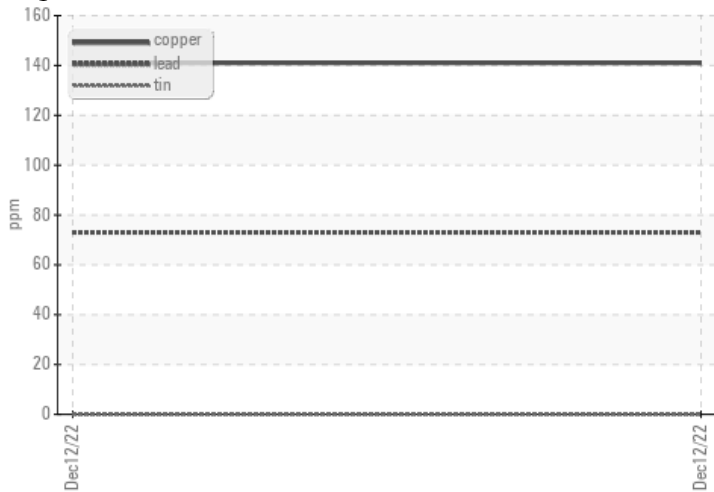


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

