

CONSTRUCTION EQUIPMENT VOLVO L220H 3569 - FRONT AXLE



Sample No: VCP441743

Oil Type: MOBIL MOBILGARD 424

Job No:

Barium

Boron

	E INFORMATION			
Sample Number		VCP441743	VCP440845	
Sample Date		30 Apr 2024	01 Feb 2024	
Machine Hours		2000	968	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CON	DITION			
Visc @ 40°C	cSt	51.0	41.8	
VOLVO				
CONTAI	MINATION			
Water	%	NEG	NEG	
Silicon	ppm	17	13	
Sodium	ppm	0	2	
Potassium	ppm	2	0	
WEAR N	METALS			
Iron	ppm	99	147	
Copper	ppm	 <1	0	
Lead	ppm	0	0	
Tin	ppm	0	 <1	
Aluminum	ppm	2	 < 1	
Chromium	ppm	2	3	
Molybdenum	ppm	5	2	
Nickel	ppm	0	0	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	2	4	
Vanadium	ppm	0	0	
	VES			
Calcium	ppm	3654	3694	
Magnesium	ppm	47	12	
Zinc	ppm	1562	1511	
Phosphorus	ppm	1341	1264	
р ·				

0

118



ARNOLD MACHINERY COMPANY

464 WASHINGTON STREET S TWIN FALLS, ID US 83301 Contact: JANAE HYMAS jhymas@arnoldmachinery.com T: (208)733-1715 F: (775)356-7152

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 condition of the oil is acceptable for the time in service.

 Depot:
 VOLVO1835

 Unique No:
 11006777

 Signed:
 Wes Davis

 Report Date:
 02 May 2024

 Contact/Location: JANAE
 HYMAS - VOLVO1835

0 🔲

144

ppm

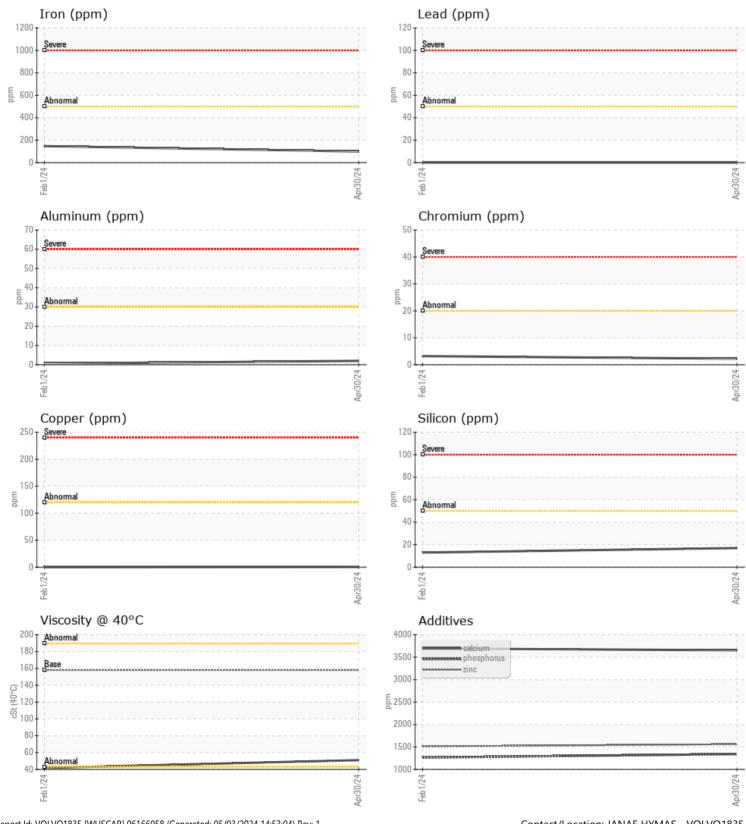
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO1835 [WUSCAR] 06166058 (Generated: 05/03/2024 14:53:04) Rev: 1

Contact/Location: JANAE HYMAS - VOLVO1835