## **CONSTRUCTION EQUIPMENT**

TRIPLE M METALS MLF-MAR19-029 VOLVO L220H 3566 - DIESEL

Sample No: VCP430055 **Oil Type:** 

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

MLF-MAR19-029

3

2

ppm

ppm

	E INFORMATION	I		
Sample Number	-	VCP430055	 	
Sample Date		19 Mar 2024	 	
Machine Hours		477	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	<b>11.2</b>	 	
Oxidation (PA)	%	59	 	
CONTAN	MINATION			
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	78	 	
Sulfation (PA)	%	52	 	
Glycol	%	0.0	 	
Fuel	%	0.7	 	
Silicon	ppm	20	 	



TRONGCO EQUIPMENT (CE)

051 Heritage Rd. urlington, ON A L7L 4Y1 ontact: Sue Hooton hooton@strongco.com (905)331-3835 (905)643-6077

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal evels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

VOLVO				
WEAR M	IETAI S			
Iron	ppm	<b>12</b>	 	
Copper	ppm	<b>402</b>	 	
Lead	ppm	<b>10</b>	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	85	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

Sodium

Potassium

14

ADDITIVES							
Calcium	ppm	2223					
Magnesium	ppm	35					
Zinc	ppm	<b>1156</b>					
Phosphorus	ppm	997					
Barium	ppm	<b>□</b> <1					
Boron	ppm	54					

Depot: VOLVO0252 Unique No: 5750021 Signed: Kevin Marson Report Date: 28 Mar 2024

Report Id: VOLVO0252 [WCAMIS] 02624902 (Generated: 03/28/2024 10:21:08) Rev: 1

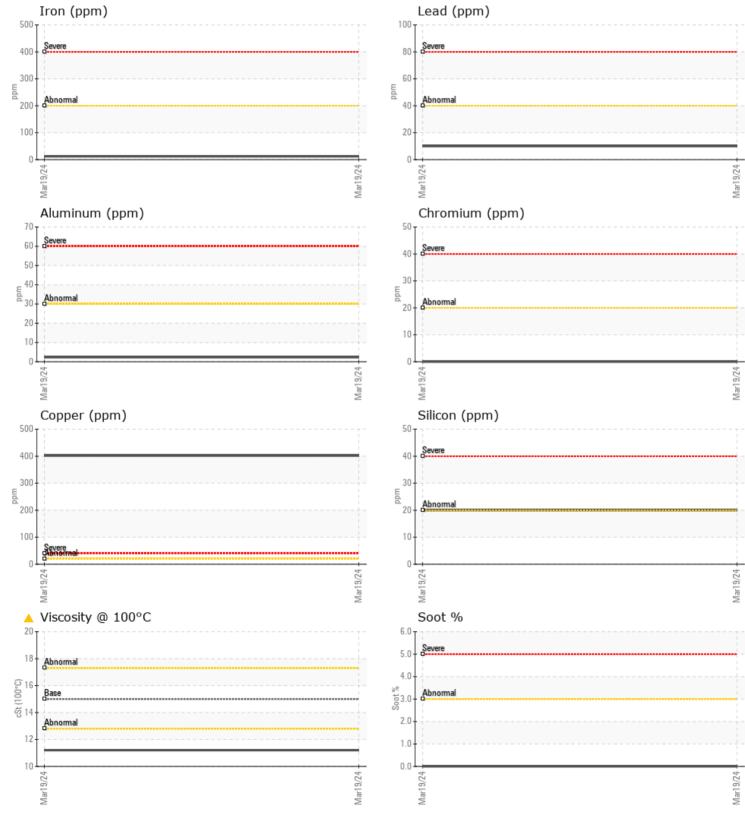
Contact/Location: Crane - Sue Hooton - VOLVO0252

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0252 [WCAMIS] 02624902 (Generated: 03/28/2024 10:21:10) Rev: 1

Contact/Location: Crane - Sue Hooton - VOLVO0252