CONSTRUCTION EQUIPMENT VULCAN VOLVO A40G 352031 - DIESEL ENGINE



Sample No:VCP384557Oil Type:{unknown}Job No:VULCAN

VOLVO

## SAMPLE INFORMATION VCP384557 Sample Number VCP351389 Sample Date 02 Apr 2024 06 Apr 2022 Machine Hours 6766 4126 Oil Hours 0 0 Oil Changed Not Changd Changed NORMAL NORMAL Sample Status **OIL CONDITION** 12.6 Visc @ 100°C cSt 12.4 9.7 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) 84 90 % CONTAMINATION NEG % NEG Water Soot % % 0.3 0.3 Nitration (PA) 80 91 % % 60 67 Sulfation (PA) NEG Glycol % NEG Fuel % <1.0 < 1.0



SCOTT EQUIPMENT COMPANY LLC - Lavergne 1231 BRIDGESTONE PARKWAY LAVERGNE, TN US 37086 Contact: CLAY COULTER CCOULTER@SCOTTCOMPANIES.COM

## Diagnosis

T: (615)793-3888

F: (615)793-9655

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Silicon	ppm	<b>12</b>	6	 
Sodium	ppm	6	2	 
Potassium	ppm	3	<b></b> <1	 
WEAR	METALS			
Iron	ppm	<b>1</b> 9	13	 
Copper	ppm	2	11	 
Lead	ppm	<b>  </b> <1	<b></b> <1	 
Tin	ppm	<b>1</b>	<b></b> <1	 
Aluminum	ppm	<b>11</b>	3	 
Chromium	ppm	<b>1</b>	<b></b> <1	 
Molybdenum	ppm	<b>41</b>	41	 
Nickel	ppm	8	0	 
Titanium	ppm	<1	0	 
Silver	ppm	0	<1	 
Manganese	ppm	<1	<1	 
Vanadium	ppm	<1	0	 

Calcium	ppm	<b>1644</b>	1822				
Magnesium	ppm	<b>489</b>	551				
Zinc	ppm	<b>1089</b>	1292				
Phosphorus	ppm	928	1055				
Barium	ppm	0	0				
Boron	ppm	38	31				

 Depot:
 VOLVO0129

 Unique No:
 10963048

 Signed:
 Jonathan Hester

 Report Date:
 04 Apr 2024

Report Id: VOLVO0129 [WUSCAR] 06138240 (Generated: 04/05/2024 20:28:06) Rev: 1

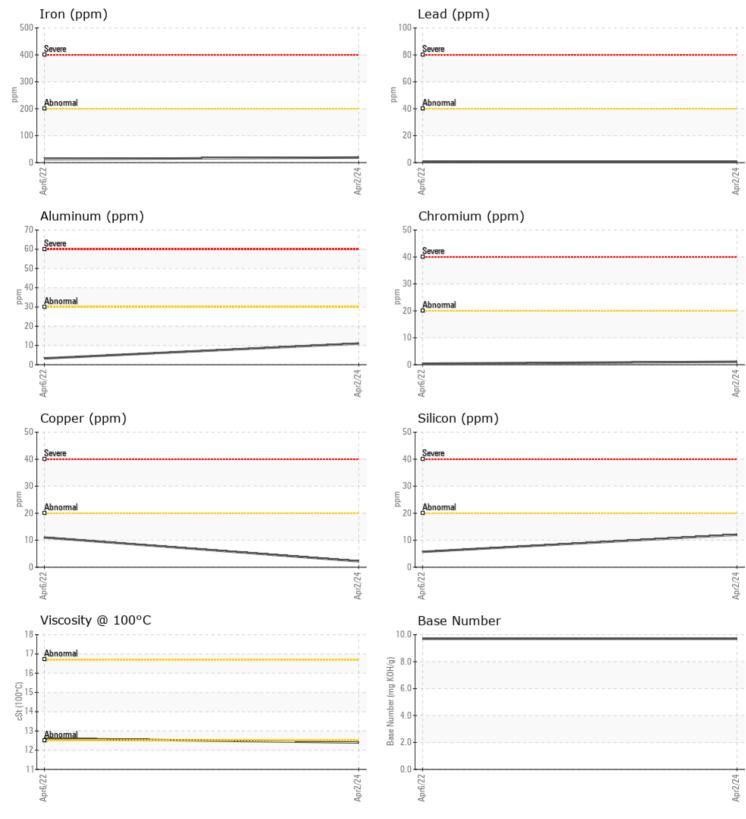
Contact/Location: CLAY COULTER - VOLVO0129

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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