**CONSTRUCTION EQUIPMENT** X59402 TADANO GR800XL-4 RA1050 - DIESEL ENGINE

VCP438245 Sample No: **Oil Type:** {unknown} Job No: X59402

VOLVO

## SAMPLE INFORMATION VCP438245 Sample Number Sample Date 29 Mar 2024 Machine Hours 1919 Oil Hours 0 N/A Oil Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.4 Base Number (BN) mg KOH/g 9.3 Oxidation (PA) 89 % CONTAMINATION NEG Water % Soot % % 0.4 Nitration (PA) % 71 % 64 Sulfation (PA) Glycol % NEG Fuel % <1.0



Silicon

WEAR I	METALS			
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	39	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	<b>1536</b>						
Magnesium	ppm	<b>461</b>						
Zinc	ppm	<b>1040</b>						
Phosphorus	ppm	854						
Barium	ppm	0						
Boron	ppm	55						



SCOTT EQUIPMENT COMPANY LLC - Saint Rose

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## Diagnosis

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.

Depot: SCOSAI Unique No: 10963042 Signed: Jonathan Hester Report Date: 04 Apr 2024

Report Id: SCOSAI [WUSCAR] 06138234 (Generated: 04/05/2024 20:27:58) Rev: 1

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**4** 

2

ppm

ppm

ppm

Contact/Location: DANA FOSHEE - SCOSAI

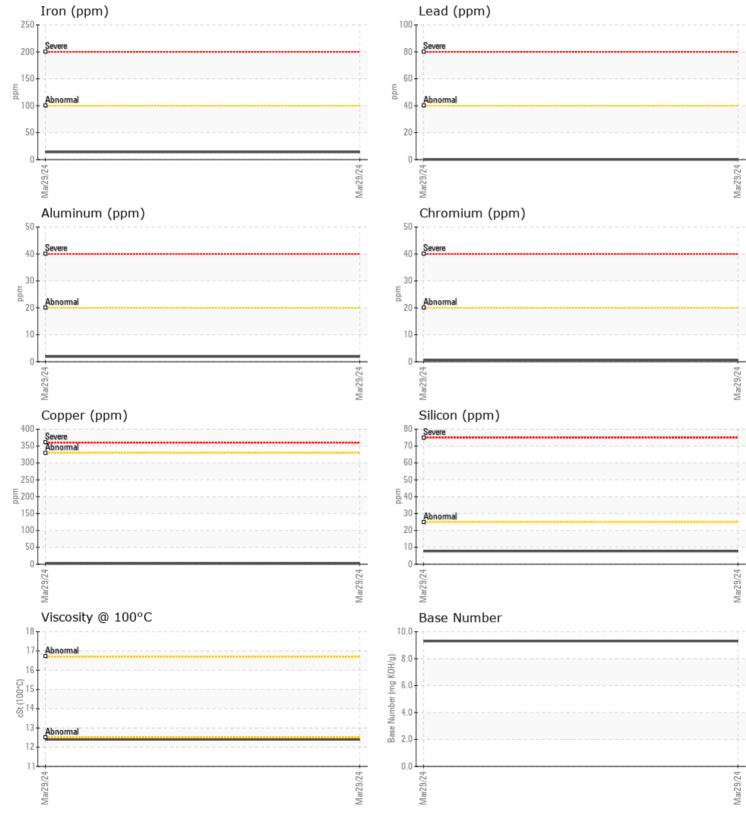


## **CONSTRUCTION EQUIPMENT**



GRAPHS

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