**CONSTRUCTION EQUIPMENT** X58885 TADANO GR800XL-4 DA 1631 - DIESEL ENGINE

Sample No: VCP426003 **Oil Type: DIESEL ENGINE OIL SAE 40** Job No: X58885

# SAMPLE INFORMATION

VOLVO

Sample Number	VCP426003	 	
Sample Date	16 Nov 2023	 	
Machine Hours	592	 	
Oil Hours	0	 	
Oil Changed	N/A	 	
Sample Status	NORMAL	 	
OIL CONDITION			
Visc @ 100°C cSt	13.6	 	
Base Number (BN) mg KOH/	g <b>7.8</b>	 	
Oxidation (PA) %	68	 	
CONTAMINATION			
Water %	NEG	 	
Soot % %	0.6	 	
Nitration (PA) %	71	 	
Sulfation (PA) %	59	 	

	70			
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	53	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	3	 	

## VEAD METALS

WEAN I	METALS			
Iron	ppm	44	 	
Copper	ppm	■72	 	
Lead	ppm	0	 	
Tin	ppm	□<1	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	64	 	
Nickel	ppm	□<1	 	
Titanium	ppm	<b>□</b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>4</b>	 	
Vanadium	ppm	0	 	

#### **ADDITIVES** 1763 Calcium ppm 368 Magnesium ppm Zinc ppm 1181 961 Phosphorus ppm Barium 2 ppm 103 Boron ppm





#### SCOTT EQUIPMENT COMPANY LLC - Saint Rose

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### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) **DIESEL ENGINE OIL SAE 40. Please** confirm.

Metal levels are typical for a new component breaking in. 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.

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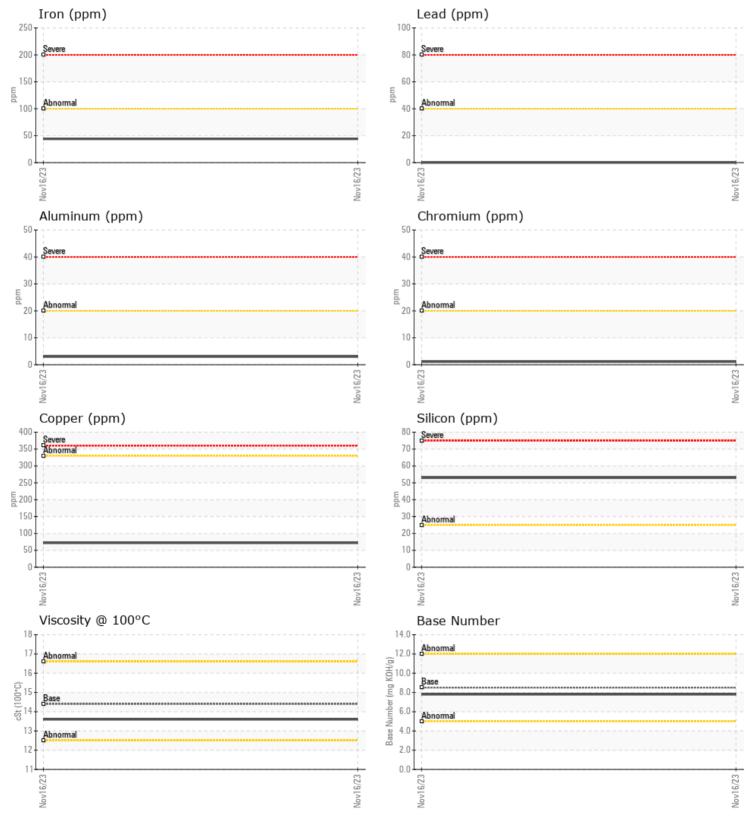
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# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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