CONSTRUCTION EQUIPMENT X58120 TADANO GR1000XL-4 RA1113 - DIESEL ENGINE

Sample No:	VCP400902
Oil Type:	DIESEL ENGINE OIL SAE 40
Job No:	X58120

VOLVO

SAMPLE INFORMATION VCP400902 Sample Number Sample Date 03 Jul 2023 Machine Hours 1523 Oil Hours 0 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.6 Base Number (BN) mg KOH/g 10.1 Oxidation (PA) 86 % CONTAMINATION % 0.4 Soot %

Nitration (PA)	%	81	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	10	 	
Sodium	ppm	4	 	
Potassium	ppm		 	

WEAR METALS

WEAK I	METALS			
Iron	ppm	15	 	
Copper	ppm	5	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	□<1	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

Variaulu

ADDITIVES					
Calcium	ppm	1732			
Magnesium	ppm	496			
Zinc	ppm	1099			
Phosphorus	ppm	898			
Barium	ppm	0			
Boron	ppm	55			



SCOTT EQUIPMENT COMPANY LLC - Saint Rose

PO BOX 997 SAINT ROSE, LA US 70087 Contact: STEPHEN SALMERON ssalmeron@scottcompanies.com T: (504)461-0961 F: (504)461-0970

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.

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:
 10547684

 Signed:
 Wes Davis

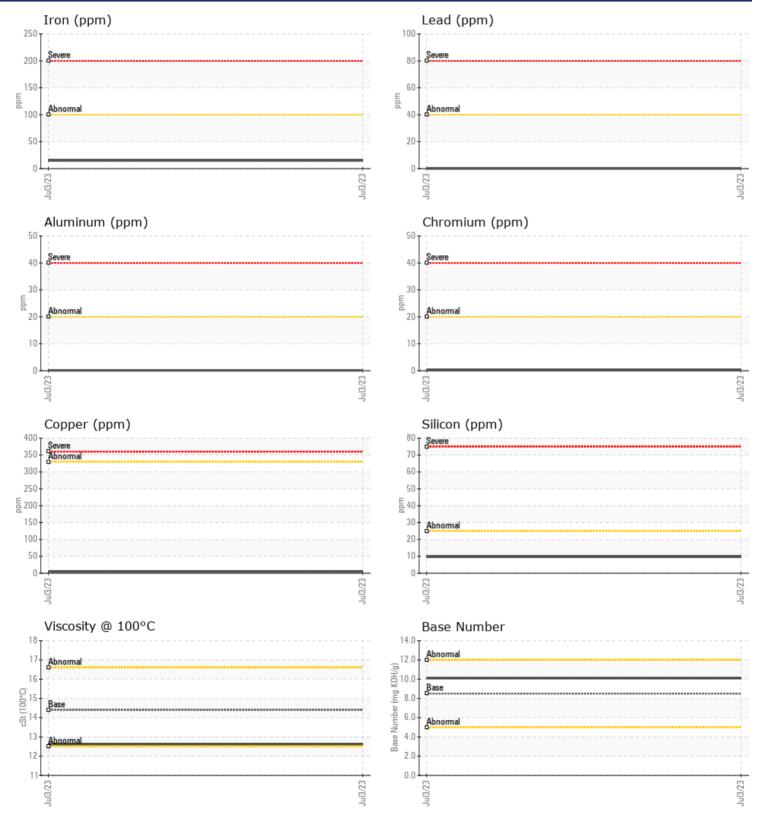
 Report Date:
 07 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: STEPHEN SALMERON - SCOSAI