CONSTRUCTION EQUIPMENT X58122 TADANO GR1600XL-3 FE5331 - DIESEL ENGINE

 Sample No:
 VCP407319

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 X58122

SAMPLE INFORMATION

VOLVO

Sample Number		VCP407319	VCE59216			
Sample Date		03 Jul 2023	15 Mar 2022			
Machine Hours		2628	1227			
Oil Hours		0	0			
Oil Changed		N/A	N/A			
Sample Status		NORMAL	ABNORMAL			
OIL CONDI						
			-	_		
Visc @ 100°C	cSt	13.0	13.7			
Base Number (BN)	mg KOH/g	9.1	5.8			
Oxidation (PA)	%	94	89			
CONTAMI						
<u> </u>					<u>.</u>	
Soot %	%	0.2	0.2			
Nitration (PA)	%	92	97			
Sulfation (PA)	%	63	68			
Glycol	%	NEG	NEG			
Fuel	%	<1.0	< 1.0			
Silicon	ppm	10	46			
Sodium	ppm	6	3			
Potassium	ppm	2	11			

OLVO WEAT

WEAR M	IETALS			
Iron	ppm	25	43	
Copper	ppm	4	121	
Lead	ppm	0	2	
Tin	ppm	0	 <1	
Aluminum	ppm	12	8	
Chromium	ppm	2	1	
Molybdenum	ppm	48	56	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	5	
Vanadium	ppm	0	0	

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ADDITIVES					
Calcium	ppm	1800	1802		
Magnesium	ppm	530	343		
Zinc	ppm	1125	1116		
Phosphorus	ppm	925	908		
Barium	ppm	0	2		
Boron	ppm	29	43		



SCOTT EQUIPMENT COMPANY LLC - Saint Rose

PO BOX 997 SAINT ROSE, LA US 70087 Contact: DENISE CORVERS dcorvers@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:
 10547685

 Signed:
 Wes Davis

 Report Date:
 07 Jul 2023

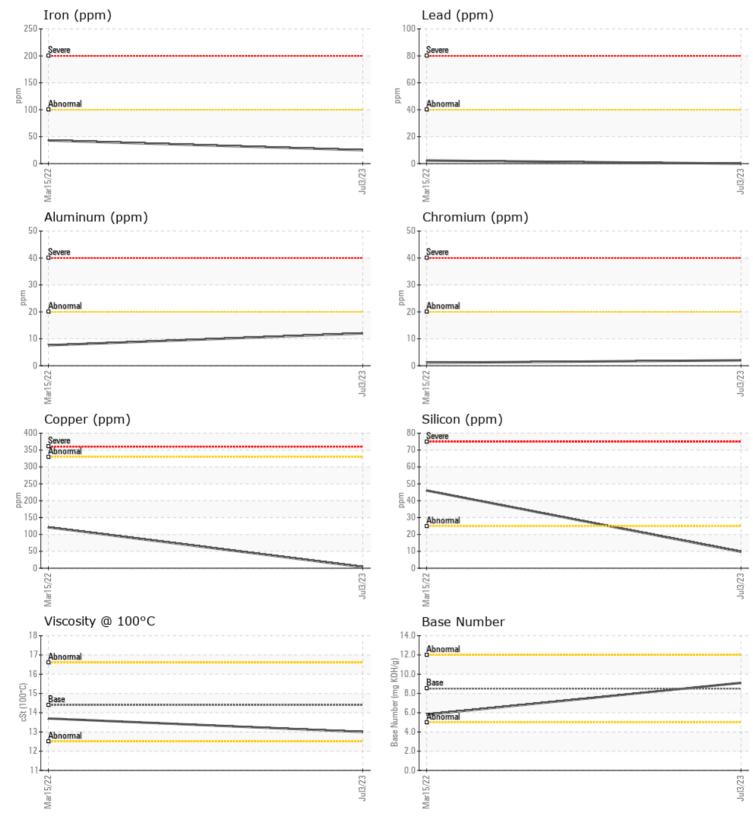
Contact/Location: DENISE CORVERS - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DENISE CORVERS - SCOSAI