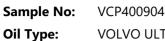
CONSTRUCTION EQUIPMENT X58123 TADANO GR100XLL-4 RA0765 - DIESEL ENGINE



VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: X58123

VOLVO

SAMPLE INFORMATION						
Sample Number	VCP400904	VCP304987				
Sample Date	07 Jul 2023	21 Jun 2021				
Machine Hours	2366	664				
Oil Hours	0	0				
Oil Changed	Changed	Changed				
Sample Status	NORMAL	NORMAL				
Visc @ 100°C cSt	12.4	12.6				
Base Number (BN) mg KOH/g	10.3					
Oxidation (PA) %	90	73				

LONIAN	MINATION			
Soot %	%	0.2	0.2	
Nitration (PA)	%	76	70	
Sulfation (PA)	%	64	62	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	10	48	
Sodium	ppm	4	6	
Potassium	ppm	2	4	

VOLVO

VEAR M	ETALS			
Iron	ppm	1 2	36	
Copper	ppm	4	25	
Lead	ppm	0	<1	
Tin	ppm	0	 <1	
Aluminum	ppm	6	0	
Chromium	ppm	0	1	
Molybdenum	ppm	55	62	
Nickel	ppm	0	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	0	6	
Vanadium	ppm	0	0	

Vanadiur

ADUTION						
Calcium	ppm	2093	1790			
Magnesium	ppm	648	379			
Zinc	ppm	1330	1170			
Phosphorus	ppm	1112	998			
Barium	ppm	1 3	2			
Boron	ppm	■ 60	129			



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.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:
 10551647

 Signed:
 Wes Davis

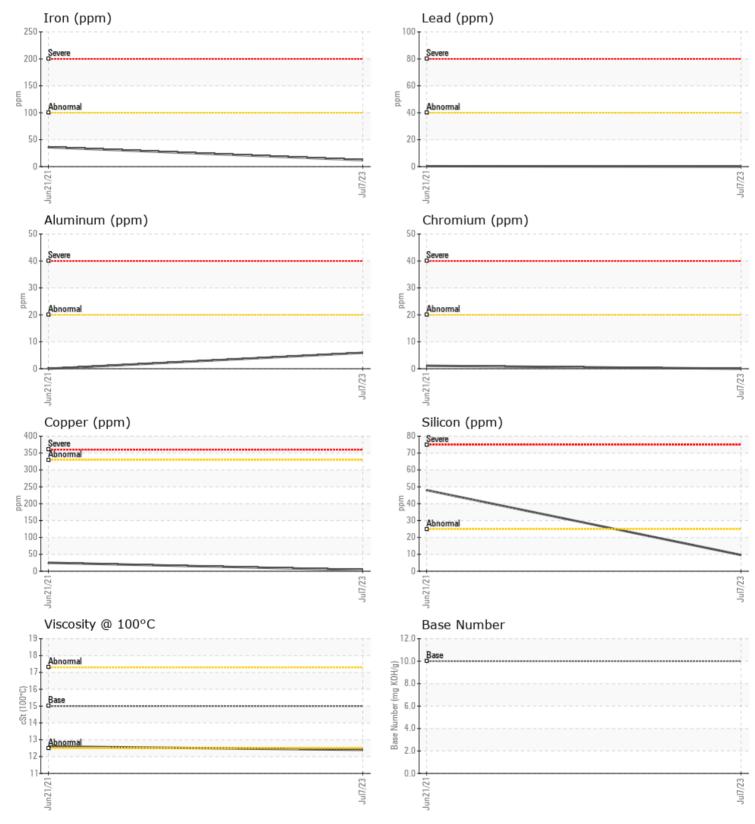
 Report Date:
 12 Jul 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05895837 (Generated: 07/12/2023 15:52:53) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI