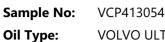
CONSTRUCTION EQUIPMENT X57615 KOBELCO CK1100 GH05-04032 - DIESEL ENGINE



VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: X57615



SAMPLE IN	FORMATION			
Sample Number		VCP413054	 	
Sample Date		09 Aug 2023	 	
Machine Hours		61537	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDIT	ION			
Visc @ 100°C	cSt	14.4	 	
Base Number (BN)	mg KOH/g	6.8	 	
Oxidation (PA)	%	71	 	
VOLVO				
CONTAMIN	ATION			
Soot %	%	0.2	 	
Nitration (PA)	%	87	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	9	 	

Potassium

ppm

A 70

WEAR METALS							
Iron	ppm	30					
Copper	ppm	18					
Lead	ppm	■ <1					
Tin	ppm						
Aluminum	ppm	1					
Chromium	ppm	0					
Molybdenum	ppm	58					
Nickel	ppm	0					
Titanium	ppm	0					
Silver	ppm	0					
Manganese	ppm	■ <1					
Vanadium	ppm	0					

Vandala

ADITIVES								
ppm	1225							
ppm	900							
ppm	1242							
ppm	862							
ppm	0							
ppm	1							
	ppm ppm ppm ppm	ppm 900 ppm 1242 ppm 862 ppm 0	ppm 900 ppm 1242 ppm 862 ppm 0	ppm 900 ppm 1242 ppm 862 ppm 0				



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

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Sodium and/or potassium levels are high. Test for glycol is negative. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot:SCOSAIUnique No:1060467Signed:JonatharReport Date:16 Aug 3

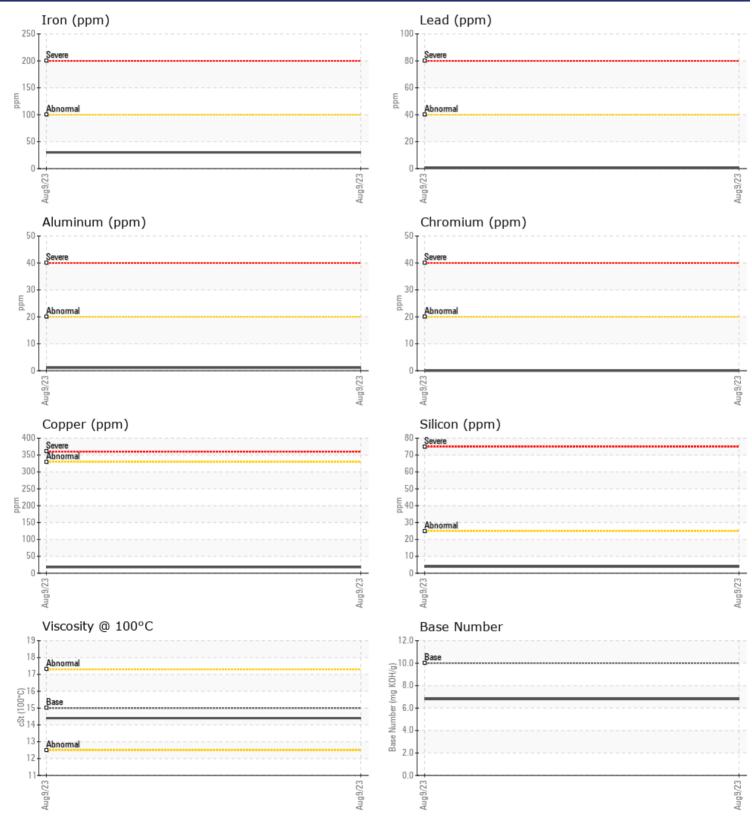
10604672 Jonathan Hester 16 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05924725 (Generated: 08/16/2023 12:47:09) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI