CONSTRUCTION EQUIPMENT X58366 TADANO GR800XL-4 RA0866 - DIESEL ENGINE

 Sample No:
 VCP413476

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
 X58366

Job No:

SAMPLE INFORMATION

Sample Number		VCP413476	VCP386018	
Sample Date		01 Aug 2023	27 Jan 2023	
Machine Hours		2520	2166	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.6	12.5	
Base Number (BN)	mg KOH/g	■ 10.0	7.1	
Oxidation (PA)	%	86	98	
CONTAMIN	IATION			
Soot %	%	0.2	0.4	
Nitration (PA)	%	63	102	
Sulfation (PA)	%	64	66	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	4	1 5	
Sodium	ppm	0	6	

ppm

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Potassium

WEAR N	METALS			
Iron	ppm	1 3	70	
Copper	ppm	10	41	
Lead	ppm	0	0	
Tin	ppm		<1	
Aluminum	ppm	□ <1	3	
Chromium	ppm	0	1	
Molybdenum	ppm	43	39	
Nickel	ppm		0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	□ <1	2	
Vanadium	ppm	0	0	

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ADDITIVES							
Calcium	ppm	1688	1682				
Magnesium	ppm	479	446				
Zinc	ppm	1115	1028				
Phosphorus	ppm	938	757				
Barium	ppm	2	0				
Boron	ppm	53	22				
Boron	ppm	53	22				



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:
 10586143

 Signed:
 Wes Davis

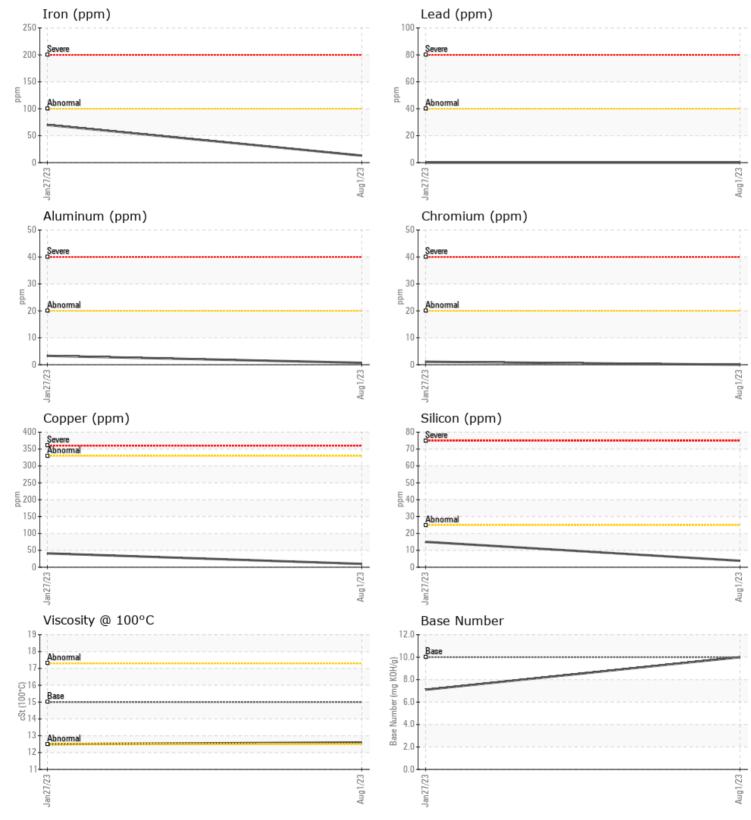
 Report Date:
 03 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05914229 (Generated: 08/03/2023 15:43:47) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI