CONSTRUCTION EQUIPMENT 12579 MARABLE-PIRKLE VOLVO BL70 331127 - DIESEL ENGINE

Sample No: VCP379653

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 12579 MARABLE-PIRKLE

VCD2ZOCC2

SAMPLE INFORMATION

Sodium

Potassium

Sample Number		VCP379653	 	
Sample Date		17 Oct 2023	 	
Machine Hours		1367	 	
Oil Hours		1367	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI				
	IIUN			
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	6.2	 	
Oxidation (PA)	%	69	 	
CONTAMIN				
	IATION			
Water	%	NEG	 	
Soot %	%	0.5	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	

WEAR METALS 12 Iron ppm 2 Copper ppm Lead <1 ppm Tin ppm <1 Aluminum ppm 2 Chromium nnm -

2

8

ppm

ppm

Chiomuni	ppin			
Molybdenum	ppm	0	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

ADDITIVES						
Calcium	ppm	1993				
Magnesium	ppm	17				
Zinc	ppm	1171				
Phosphorus	ppm	963				
Barium	ppm	0				
Boron	ppm	132				



536 - ASCENDUM MACHINERY INC - CHATTANOOGA

7829 LEE HWY CHATTANOOGA, TN US 37421 Contact: WILLIAM WALKER william.walker@ascendummachinery.com T: F: (423)308-7959

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 acceptable for the time in service.

 Depot:
 VOLVO0117

 Unique No:
 10809269

 Signed:
 Don Baldridge

 Report Date:
 03 Jan 2024

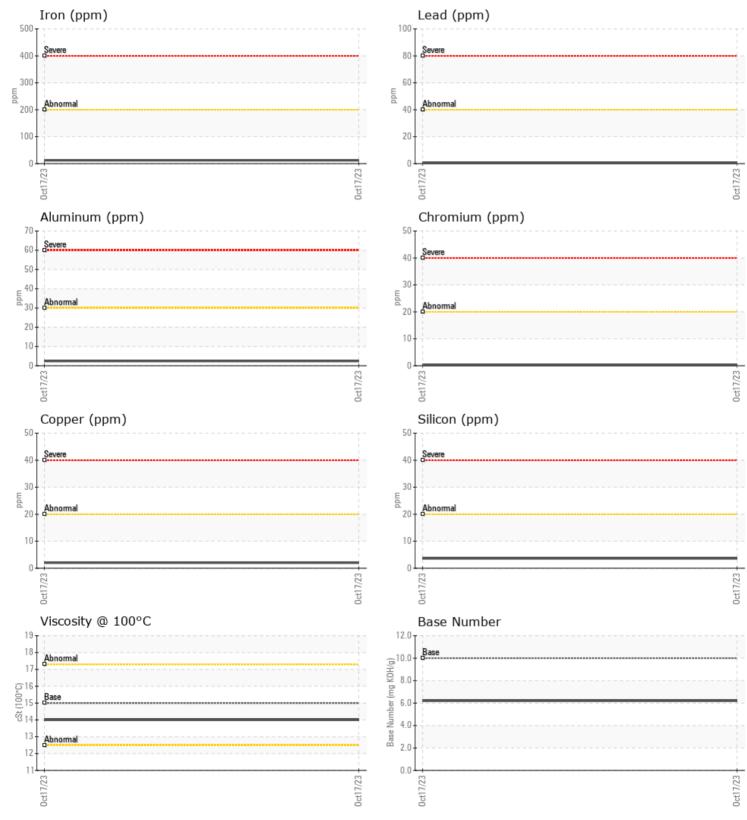
Contact/Location: WILLIAM WALKER - VOLVO0117

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0117 [WUSCAR] 06048661 (Generated: 01/03/2024 11:52:12) Rev: 1

Contact/Location: WILLIAM WALKER - VOLVO0117