CONSTRUCTION EQUIPMENT SWA386620-10 VOLVO EC480EL 311170 - DIESEL ENGINE

Sample No: VCP409076 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SWA386620-10

SAMPLE INFORMATION

Sample Number VCP409076 VCP385948 Sample Date 12 Oct 2023 20 Apr 2023 Machine Hours 3543 2999 Oil Hours 0 0 Oil Changed Changed Changed Sample Status NORMAL ATTENTION Visc @ 100°C cSt 12.5 12.1	
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Oil Hours O 0 Oil Changed Changed Changed Sample Status NORMAL ATTENTION OIL CONDITION Visc @ 100°C cSt 12.5 12.1	
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Visc @ 100°C cSt 12.5 • 12.1	
Base Number (BN) mg KOH/g 9.6	
Oxidation (PA) % 84 63	
Soot % % 0.1	
Nitration (PA) % 69	
Sulfation (PA) % 61 52	
Glycol % NEG	
Fuel % <1.0 □ 0.5	
Silicon ppm 6 4	
Sodium ppm □14 □<1	

SARGENT DOCKS

5606 N WESTERVELT RD SAGINAW, MI US 48604 Contact: JC NUDDE JCNUDDE@SARGENTDOCKS.COM T: (989)752-3101 F:

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.

Potassium

ppm

<1

WEAR	METALS			
Iron	-		7	
	ppm	4	.	
Copper	ppm	1	4	
Lead	ppm	 <1	0	
Tin	ppm		0	
Aluminum	ppm	1	<1	
Chromium	ppm	0	0	
Molybdenum	ppm	38	60	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	□ <1	<1	
Vanadium	ppm	0	0	

ADDITIVES								
Calcium	ppm	1512	1248					
Magnesium	ppm	516	997					
Zinc	ppm	1046	1368					
Phosphorus	ppm	882	1060					
Barium	ppm	0	0					
Boron	ppm	31	3					

Depot: SARSAG Unique No: 10714097 Signed: Wes Davis Report Date: 28 Oct 2023

Contact/Location: JC NUDDE - SARSAG

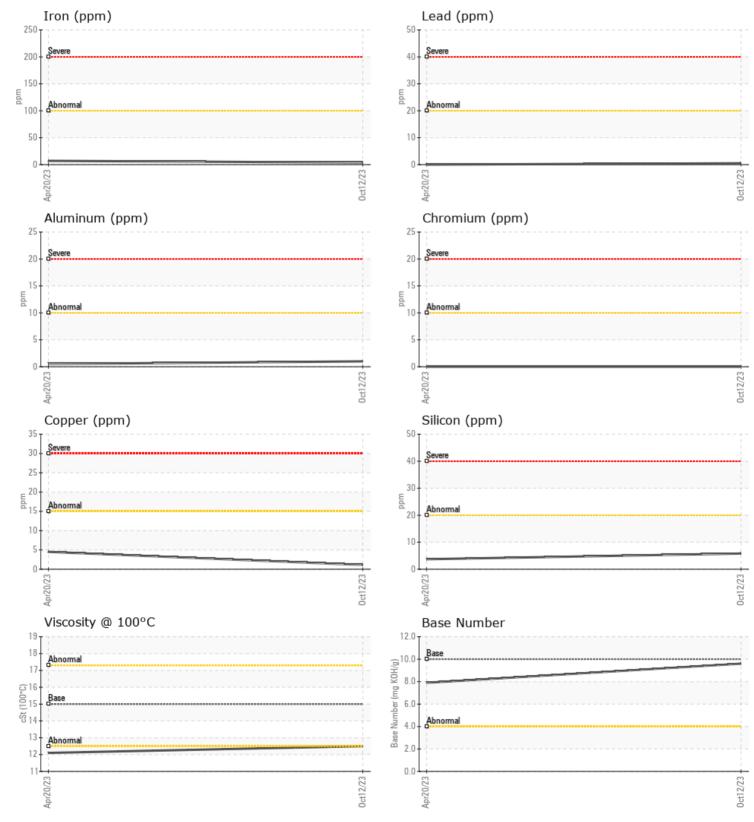
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JC NUDDE - SARSAG