CONSTRUCTION EQUIPMENT SWA491056 LGL RECYCL VOLVO L180H 5766 - DIESEL ENGINE

Sample No: VCP415881

VOINO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: SWA491056 LGL RECYCL

Molybdenum

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm ppm

ppm

ppm

ppm

ADDITIVES

	NFORMATION				
Sample Number	-	VCP415881			
Sample Date		23 Feb 2024			
Machine Hours		1020			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		ABNORMAL			
OIL CONDI	TION				
Visc @ 100°C	cSt	<mark> </mark>			
Base Number (BN)	mg KOH/g	5.5			
Oxidation (PA)	%	60			
CONTAMINATION					
Water	%	NEG			
Soot %	%	0.2			
Nitration (PA)	%	73			
Sulfation (PA)	%	57			
Glycol	%	NEG			
Fuel	%	0.3			
Silicon	ppm	2 3			
Sodium	ppm	2			
Potassium	ppm	6			
WEAR METALS					
Iron	ppm	∎15			
Copper	ppm	<u> </u>			
Lead	ppm	□ <1			
Tin	ppm	2			
Aluminum	ppm	2			
Chromium	ppm	■<1			



ALTA EQUIPMENT COMPANY

5210 REESE ROAD DAVIE, FL US 33314 Contact: N. FACEY nfacey@altaequipfl.com T: (954)581-4744 F: (954)583-0318

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

VOLVO0095 Depot: Unique No: 10899669 Signed: **Report Date:**

Contact/Location: N. FACEY - VOLVO0095

Jonathan Hester 29 Feb 2024

85

1

0

2

<1

<1

1837

82

1137 919

2

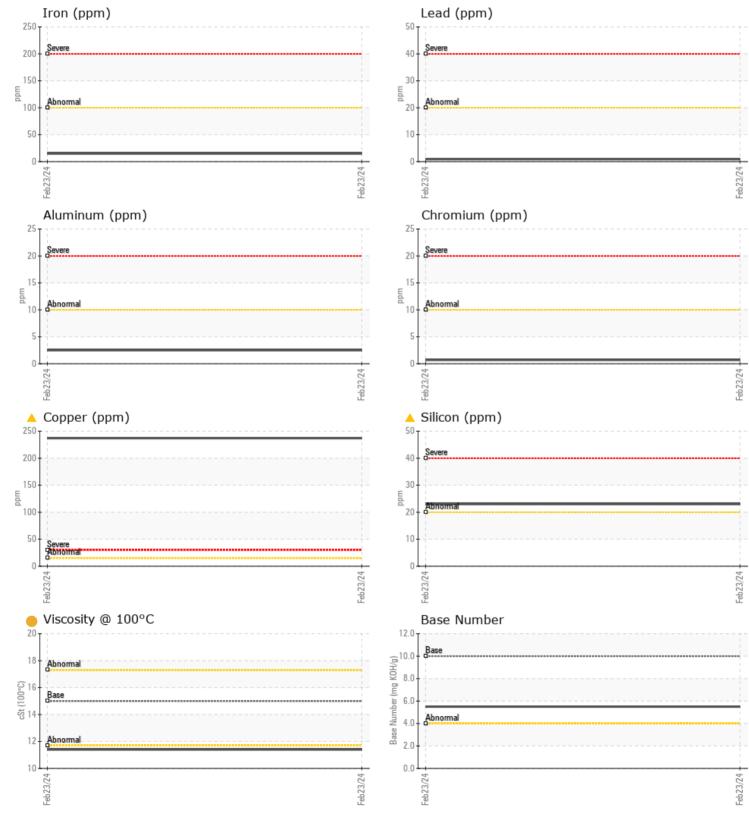
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0095 [WUSCAR] 06101439 (Generated: 02/29/2024 10:05:04) Rev: 1

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