CONSTRUCTION EQUIPMENT SPM700301 LKQ VOLV0 L90H 625661 - DIESEL ENGINE

INE

 Sample No:
 VCP437361

 Oil Type:
 DIESEL ENGINE OIL SAE 15W40

 Job No:
 SPM700301 LKQ

VOLVO

SAMPLE I	NFORMATION						
Sample Number		VCP437361	VCP421635				
Sample Date		08 Apr 2024	01 Sep 2023				
Machine Hours		6699	5645				
Oil Hours		0	0				
Oil Changed		Changed	Changed				
Sample Status		NORMAL	NORMAL				
OIL CONDITION							
Visc @ 100°C	cSt	13.6	□ 13.1				
Base Number (BN)	mg KOH/g	7.5	7.7				
Oxidation (PA)	%	75	70				
CONTAMI	NATION		_				
Water	%	NEG	NEG				
Soot %	%	0.4	0.6				
Nitration (PA)	%	74	73				
Sulfation (PA)	%	61	60				
Glycol	%	NEG	NEG				
Fuel	%	<1.0	<1.0				
Silicon	ppm	3	5				
Sodium	ppm	2	2				
Potassium	ppm	■<1	0				
VEAR ME							
Iron	ppm	8	13				
Copper	ppm		□ <1				
Lead	ppm	0	<1				



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 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.

WEAR N	METALS			
Iron	ppm	8	13	
Copper	ppm		 <1	
Lead	ppm	0	< 1	
Tin	ppm	0	<1	
Aluminum	ppm	6	6	
Chromium	ppm	0	<1	
Molybdenum	ppm	126	117	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	0	 < 1	
Vanadium	ppm	0	<1	

Calcium	ppm	1543	1639			
Magnesium	ppm	660	555			
Zinc	ppm	1151	1114			
Phosphorus	ppm	982	888			
Barium	ppm	0	0			
Boron	ppm	184	193			

 Depot:
 VOLVO8885

 Unique No:
 10977073

 Signed:
 Wes Davis

 Report Date:
 15 Apr 2024

Contact/Location: DAVE ENG - VOLVO8885

Report Id: VOLVO8885 [WUSCAR] 06146995 (Generated: 04/15/2024 11:35:42) Rev: 1

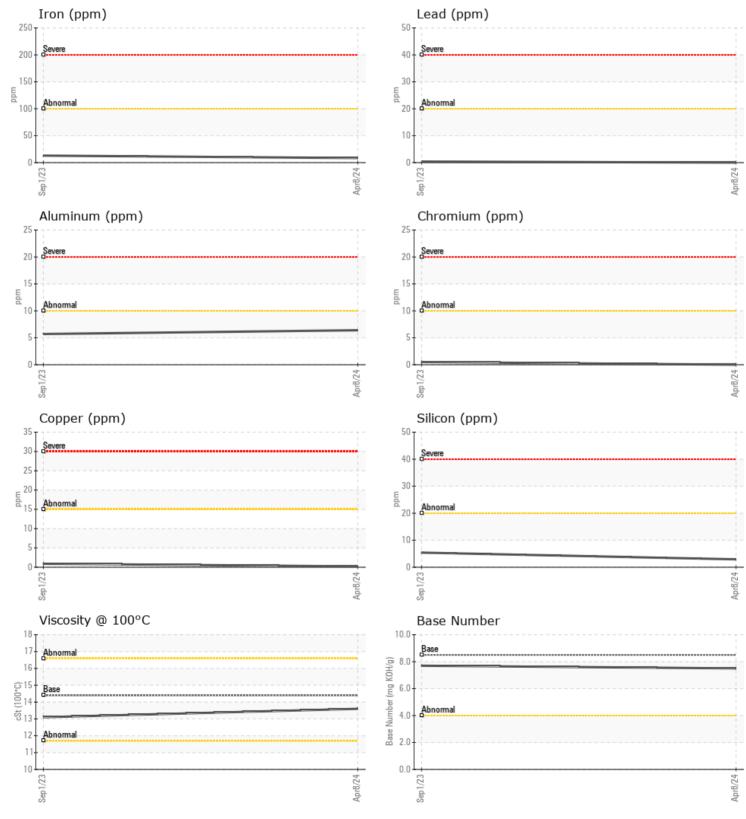
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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