

CONSTRUCTION EQUIPMENT VOLVO L110H 3512 - DIESEL ENGINE



Sample No: VCP450935

Oil Type:	DIESEL ENGINE OIL SAE 15W40
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Job No:

	FORMATION			 	
	IF URMATION	-	<u>.</u>	<u>.</u>	
Sample Number		VCP450935		 	
Sample Date		21 May 2024		 	
Machine Hours		3512		 	
Oil Hours		0		 	
Oil Changed		Changed		 	
Sample Status		NORMAL		 	
OIL CONDI	TION				
Visc @ 100°C	cSt	12.9		 	
		12.9			
Base Number (BN)	mg KOH/g %	78		 	
Oxidation (PA)	70	78		 	
VOLVO					
V CONTAMIN	IATION				
Water	%	NEG		 	
Soot %	%	0.4		 	
Nitration (PA)	%	62		 	
Sulfation (PA)	%	61		 	
Glycol	%	NEG		 	
Fuel	%	<1.0		 	
Silicon	ppm	5		 	
Sodium	ppm	3		 	
Potassium	ppm	2		 	
	le le				
VOLVO					
WEAR MET	IALS				
Iron	ppm	■11		 	
Copper	ppm	2		 	
Lead	ppm	 <1		 	
Tin	ppm	1		 	
Aluminum	ppm	5		 	
Chromium	ppm	□ <1		 	
Molybdenum	ppm	4 3		 	
Nickel	ppm	 <1		 	
Titanium	ppm	 <1		 	
Silver	ppm			 	
Manganese	ppm	■ <1		 	
Vanadium	ppm	0		 	
	-			 	
ADDITIVES					
Calcium	ppm	1577		 	
Magnesium	ppm	568		 	
Zinc	ppm	1115		 	
Phosphorus	ppm	950		 	
Barium	ppm	0		 	
Boron	ppm	31		 	



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T:

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:RIPTAMUnique No:11050442Signed:Wes DavisReport Date:30 May 2024

Contact/Location: ROBERT TURNER - RIPTAM

Report Id: RIPTAM [WUSCAR] 06193690 (Generated: 05/30/2024 15:42:20) Rev: 1

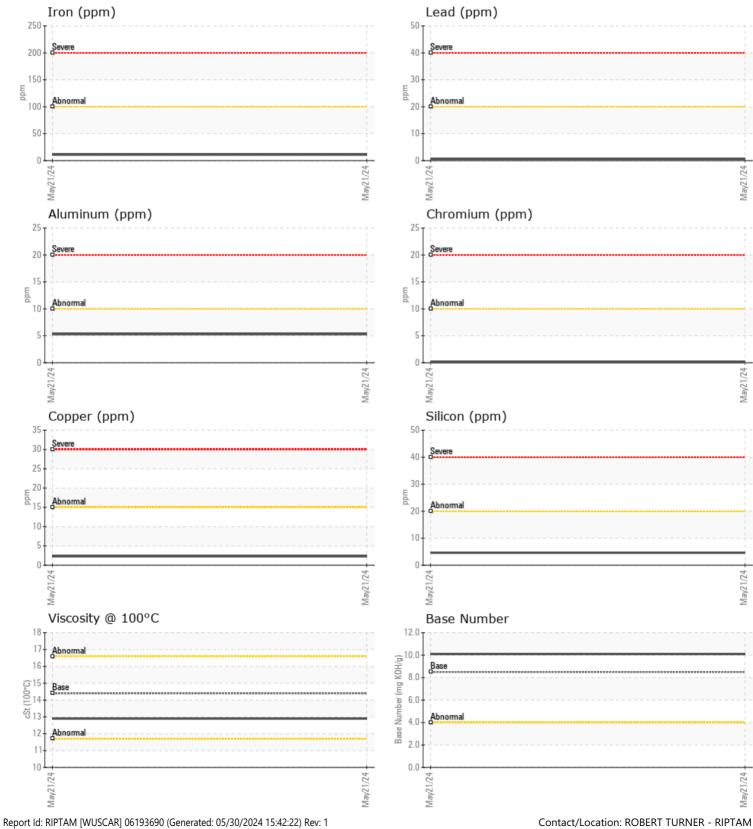
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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