

CONSTRUCTION EQUIPMENT VOLVO L180H L180H 5273 - DIESEL ENGINE



Sample No: VCP0007955

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

	IFORMATION				
Sample Number		VCP0007955	VCP0002548		
Sample Date		28 Nov 2023	15 Nov 2022		
Machine Hours		6248	0		
Oil Hours		6248	0		
Oil Changed		N/A	N/A		
Sample Status		NORMAL	NORMAL		
Sample Status		NORMAL	NORMAL		
VOLVO					
VIL CONDI	TION				
Visc @ 100°C	cSt	12.7	13.1		
Base Number (BN)	mg KOH/g	9.3	11.0		
Oxidation (PA)	%	81	88		
Water	%	NEG	NEG		
Soot %	%	0.2	0.3		
Nitration (PA)	%	69	78		
Sulfation (PA)	%	59	65		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	3	4		
Sodium	ppm	3	3		
Potassium	ppm	0	0		
VOLVO					
WEAR MET	TALS				
Iron	ppm	4	6		
Copper	ppm	2	1		
Lead	ppm	0	1		
Tin	ppm	0	<1		
Aluminum		0	1		
Chromium	ppm ppm	0	□ <1		
Molybdenum	ppm	36	42		
Nickel	ppm	0	<1		
Titanium	ppm	0	<1		
Silver	ppm	0		-	-
Manganese		0 <1	<1		
Vanadium	ppm ppm	0	0	-	
	ppiii	U	U		
VOLVO					
ADDITIVES					
Calcium	ppm	1692	1697		
Magnesium	ppm	505	513		
Zinc	ppm	1067	1255		
Phosphorus	ppm	929	1010		
Barium	ppm	0	0		



ALTA EQUIPMENT COMPANY

3750 PHILIPS HWY ACKSONVILLE, FL JS 32256 Contact: SHAWN NORTHCRAFT shawn.northcraft@altg.com F: (904)737-6000 F: (904)737-1260

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:
 VOLV0092

 Unique No:
 10765930

 Signed:
 Wes Davis

 Report Date:
 01 Dec 2023

Report Id: VOLVO0092 [WUSCAR] 06021430 (Generated: 12/01/2023 07:33:26) Rev: 1

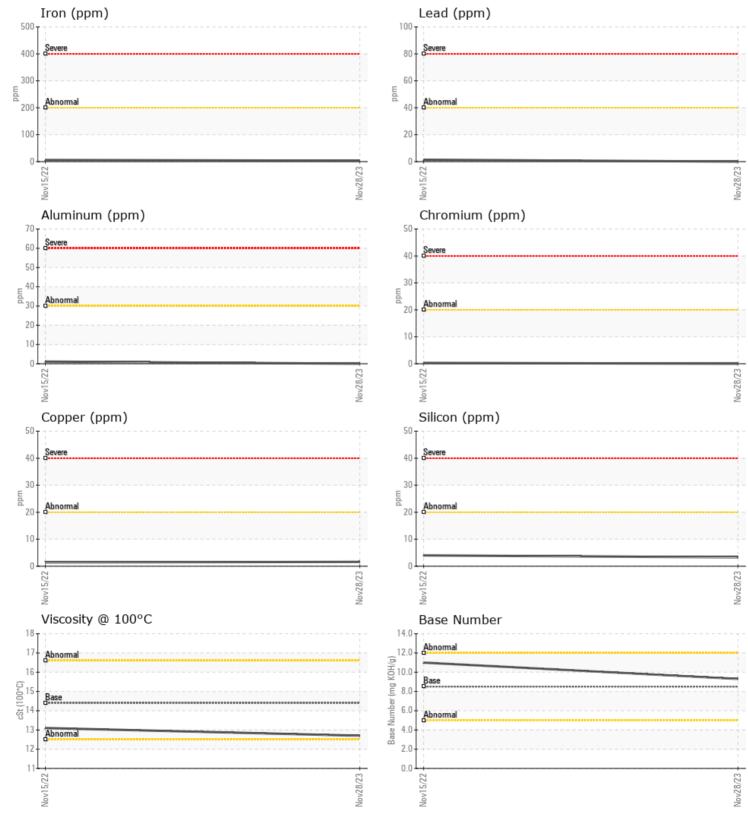
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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