

CONSTRUCTION EQUIPMENT SW1026077 VOLVO L110H 632088 - DIESEL ENGINE



Sample No: VCP443485

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: SW1026077

SAMPLE II	NFORMATION			
Sample Number		VCP443485	VCP423018	
Sample Date		31 Oct 2023	13 Jul 2023	
Machine Hours		2335	2015	
Oil Hours		0	400	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDI	TION			
_				
Visc @ 100°C	cSt	13.3	1 3.1	
Base Number (BN)		10.1	9.8	
Oxidation (PA)	%	57	58	
VOLVO				
CONTAMIN	NATION			
Soot %	%	□0.3	□0.5	
Nitration (PA)	%	49	58	
Sulfation (PA)	%	53	54	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	2	1 4	
Sodium	ppm	2	2	
Potassium	ppm	1	2	
		_		
VOLVO	TALC			
WEAR ME	IAL2			
Iron	ppm	6	1 9	
Copper	ppm	2	■8	
Lead	ppm		1	
Tin	ppm	- <1	1	
Aluminum	ppm	3	7	
Chromium	ppm		1	
Molybdenum	ppm	■ 55	□ 57	
Nickel	ppm	0	0	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	= <1	<1	
Vanadium	ppm	0	<1	
VOLVO				
ADDITIVE:	2			
Calcium	ppm	11113	□1296	
Magnesium	ppm	■932	941	
Zinc	ppm	1123	■1313	
Phosphorus	ppm	879	1 074	

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ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH
SALT LAKE CITY, UT
US 84119
Contact: TJ LARK
tlark@arnoldmachinery.com
T: (801)972-4000
F: (801)975-9434

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:VOLVO8770Unique No:10729718Signed:Don BaldridgeReport Date:09 Nov 2023

ppm

ppm

0

Barium

Boron



CONSTRUCTION EQUIPMENT





