CONSTRUCTION EQUIPMENT 2632-3 ESTES VOLVO A30C 2380 - DIESEL ENGINE



Sample No:	VCP441119
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	2632-3 ESTES
	ΙΝΕΩΡΜΑΤΙΩΝ

SAMPLE INFURMATION

ZOT X/O

	VCP441119	VCP441111		
	16 Nov 2023	01 Nov 2023		
	15374	15371		
	0	0		
	N/A	N/A		
	NORMAL	NORMAL		
		-	-	
cSt	12.9	13.2		
mg KOH/g	■ 10.4	10.7		
%	69	73		
ATION		-		
%	NEG	NEG		
%	■0.1	0.1		
%	41	41		
%	57	58		
%	NEG	NEG		
%	<1.0	<1.0		
ppm	4	6		
ppm	2	□ <1		
ppm	2	<1		
	FION cSt mg KOH/g % ATION % % % % % % % % % % % % % % % % % % %	16 Nov 2023 15374 0 N/A NORMAL ION cSt 12.9 mg KOH/g 10.4 % 69 ATION % 0.1 % 10.1 % 57 % 86 % 57 % 1.0 ppm 4 ppm 2	VCP441119 VCP441111 16 Nov 2023 01 Nov 2023 15374 15371 0 0 N/A N/A NORMAL NORMAL row 112.9 mg KOH/g 10.4 % 69 73 Attom % NEG % 0.1 % 41 % 57 % S7 % NEG % NEG % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0 % 1.0	VCP441119 VCP441111 16 Nov 2023 01 Nov 2023 15374 15371 0 0 NA N/A NORMAL NORMAL rcSt 12.9 13.2 mg KOH/g 10.4 10.7 % 69 73 % 69 73 % NEG % 10.1 % 10.1 % 10.1 % 10.1 % 10.1 % 10.1 % 11 41 % 157 58 % NEG NEG % 1.0 % 1.0 <1.0



MCCLUNG-LOGAN EQUIPMENT CO - WISE

PO BOX 1158 WISE, VA US 24293 Contact: DANNY BARRINGTON dbarrington@mcclung-logan.com T: 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.

Iron	ppm	13	7	
Copper	ppm	9	8	
Lead	ppm	37	23	
Tin	ppm	3	2	
Aluminum	ppm	3	4	
Chromium	ppm	0	 <1	
Molybdenum	ppm	41	38	
Nickel	ppm	0	<1	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	■ <1	< 1	
Vanadium	ppm	<1	0	

ADDITI	VES			
Calcium	ppm	1576	1561	
Magnesium	ppm	631	551	
Zinc	ppm	1191	1146	
Phosphorus	ppm	860	949	
Barium	ppm	0	0	
Boron	ppm	54	67	

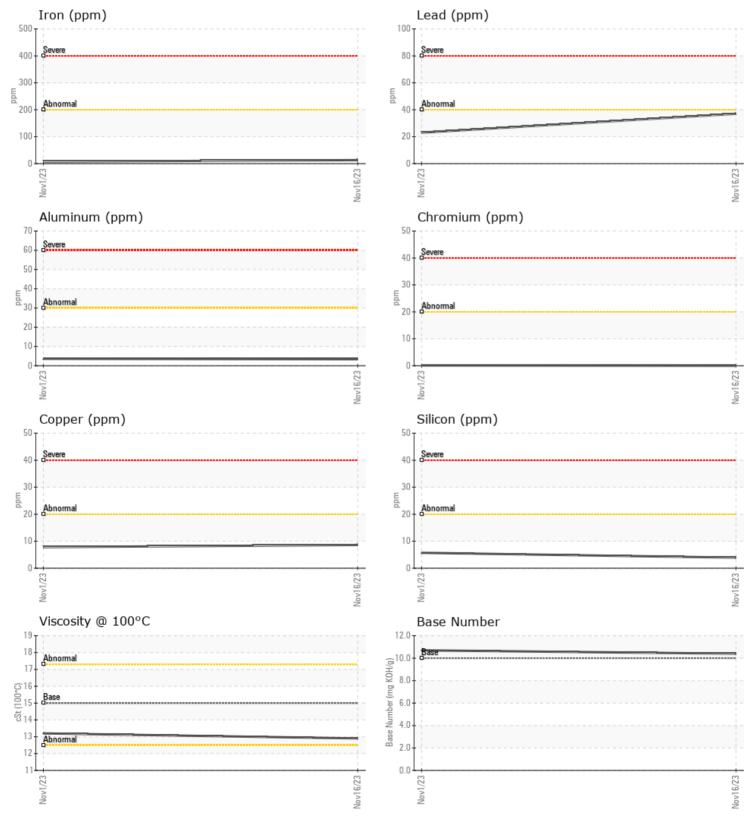
Depot: VOLVO8881 Unique No: 10753831 Signed: Wes Davis Report Date: 23 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: DANNY BARRINGTON - VOLVO8881