CONSTRUCTION EQUIPMENT SWA423909 RENTAL VOLVO A40G 352585 - DIESEL ENGINE

 Sample No:
 VCP434101

 Oil Type:
 NOT GIVEN

 Job No:
 SWA423909 RENTAL

VOLVO

SAMPLE INFORMATION VCP434101 Sample Number VCP0007711 Sample Date 30 Nov 2023 05 May 2023 Machine Hours 3173 0 Oil Hours 3173 0 Oil Changed Changed N/A NORMAL Sample Status ABNORMAL **OIL CONDITION** Visc @ 100°C cSt 12.8 13.3 9.8 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) 59 59 % CONTAMINATION % NEG Water NEG Soot % 0/

Soot %	%	0.2	0.2	
Nitration (PA)	%	61	58	
Sulfation (PA)	%	52	54	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	5	5	
Sodium	ppm	1	1	
Potassium	ppm	 <1	< 1	

WEAR METALS

Iron	ppm	13	10	
Copper	ppm	70	<u> </u>	
Lead	ppm	1	1	
Tin	ppm	□ <1	1	
Aluminum	ppm	2	5	
Chromium	ppm	0	□ <1	
Molybdenum	ppm	62	56	
Nickel	ppm	0	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	<1	1	
Vanadium	ppm	0	0	

ADDITIVES							
Calcium	ppm	1247	1133				
Magnesium	ppm	1008	933				
Zinc	ppm	1439	1233				
Phosphorus	ppm	1211	1006				
Barium	ppm	0	0				
Boron	ppm	1	2				



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 VOLVO0090

 Unique No:
 10767393

 Signed:
 Wes Davis

 Report Date:
 04 Dec 2023

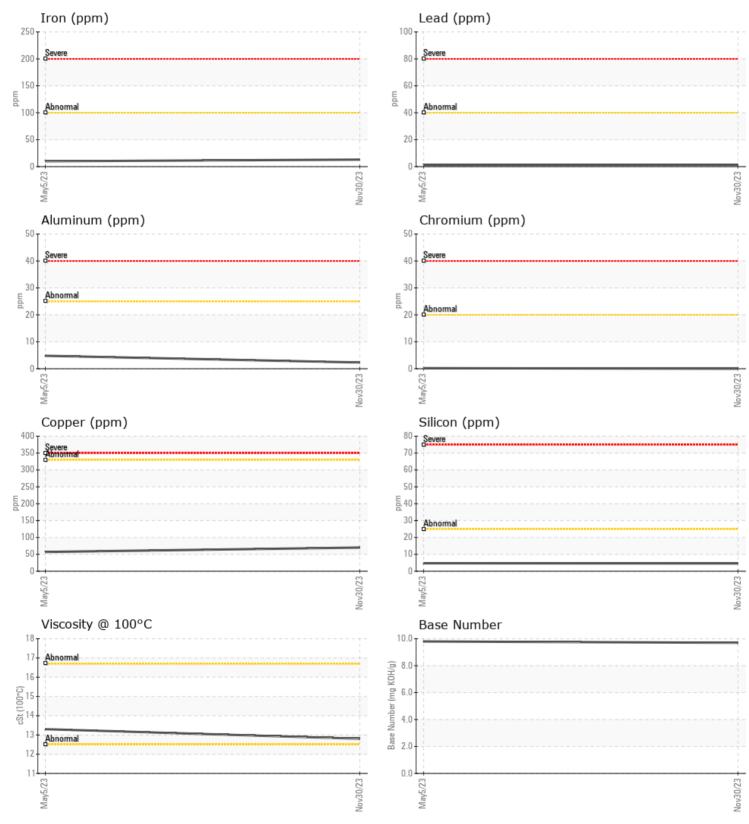
Submitted By: TECHNICIAN ACCOUNT

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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