## CONSTRUCTION EQUIPMENT SPM633069 KRAKEN VOLVO A40G 341225 - DIESEL ENGINE



Sample No:VCP429699Oil Type:VOLVO ULTR

VOLVO

: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: SPN

Silicon

Sodium

Potassium

## SPM633069 KRAKEN

## SAMPLE INFORMATION

ppm

ppm

ppm

3

1

2

Sample Number		VCP429699	VCP407960	 
Sample Date		10 Nov 2023	16 May 2023	 
Machine Hours		8294	7808	 
Oil Hours		500	0	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDI	TION			
Visc @ 100°C	cSt	<b>12.6</b>	12.7	 
Base Number (BN)	mg KOH/g	8.8	10.3	 
Oxidation (PA)	%	57	77	 
Water	%	NEG	NEG	 
Soot %	%	<b>0.1</b>	0.1	 
Nitration (PA)	%	54	53	 
Sulfation (PA)	%	51	61	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	<1.0	 



#### ALTA CONSTRUCTION EQUIPMENT LLC

G-3283 S. DORT HIGHWAY BURTON, MI US 48529 Contact: BURTON SERVICE BURTON.SERVICE@ALTAEQUIPMENT.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.

WEAR I	METALS			
Iron	ppm	3	5	 
Copper	ppm	∎1	2	 
Lead	ppm	2	<b></b> <1	 
Tin	ppm		□ <1	 
Aluminum	ppm	4	<b></b> < 1	 
Chromium	ppm		0	 
Molybdenum	ppm	55	50	 
Nickel	ppm		□ <1	 
Titanium	ppm	<1	<1	 
Silver	ppm	0	0	 
Manganese	ppm	□<1	<b></b> <1	 
Vanadium	ppm	<1	0	 

6

2

2

ADDITIVES							
Calcium	ppm	1228	1824				
Magnesium	ppm	<b>918</b>	517				
Zinc	ppm	<b>1333</b>	1218				
Phosphorus	ppm	<b>1036</b>	973				
Barium	ppm	0	0				
Boron	ppm	65	122				

 Depot:
 VOLVO5023

 Unique No:
 10764795

 Signed:
 Angela Borella

 Report Date:
 01 Dec 2023

Report Id: VOLVO5023 [WUSCAR] 06020295 (Generated: 12/01/2023 13:55:01) Rev: 1

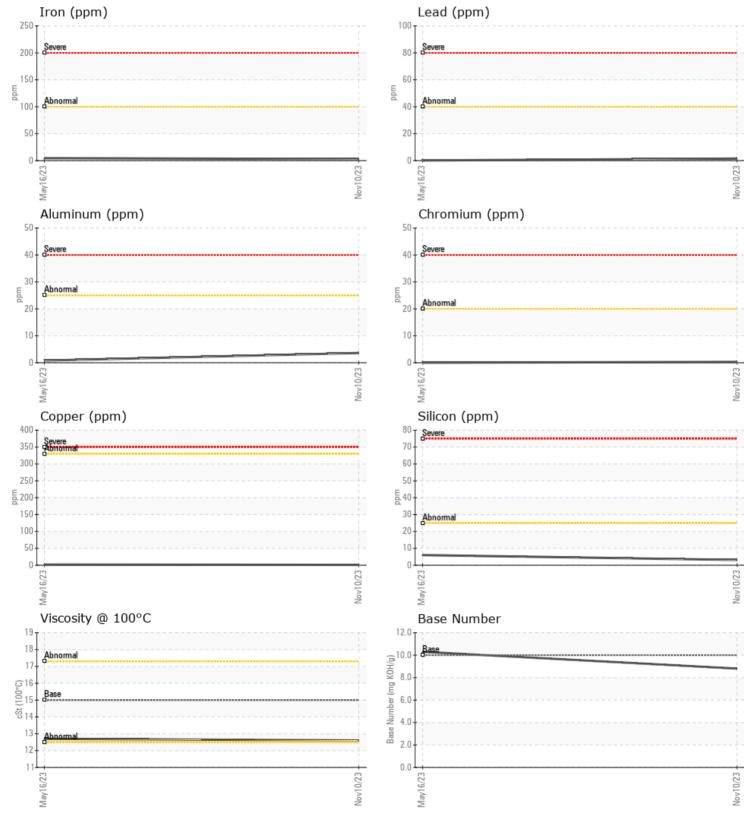
Contact/Location: BURTON SERVICE - VOLVO5023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: BURTON SERVICE - VOLVO5023