CONSTRUCTION EQUIPMENT CARGILL 389044 VOLVOL120H 16705 - DIESEL ENGINE



 Sample No:
 VCP392399

 Oil Type:
 VOLVO ULT

VOLVO

: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

389044

	E INFORMATION				
Sample Number		VCP392399	VCP334099		
-		27 Dec 2023	21 Oct 2022		
Sample Date Machine Hours					
		2906 0	1294 294		
Oil Hours					
Oil Changed		Changed	Not Changd		
Sample Status		NORMAL	NORMAL		
VOLVO					
V OIL CON	DITION				
Visc @ 100°C	cSt	13.3	12.8		
Oxidation (PA)	%	75	82		
VOLVO					
	MINATION			<u>.</u>	-
Water	%	NEG	NEG		
Soot %	%	0.2	0		
Nitration (PA)	%	55	53		
Sulfation (PA)	%	60	65		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	< 1.0		
Silicon	ppm	5	8		
Sodium	ppm	2	3		
Potassium	ppm	<b></b> <1	<1		
WEAR N					
Iron	ppm	<b>1</b> 6	12		
Copper	ppm	<b>4</b>	4		
beal	nnm	■ ~ 1	1		



## STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW Acheson, AB CA T7X 6C2 Contact: Nicholas Weir nweir@strongco.com T: (780)948-3515 F: (780)417-2615

## 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 condition of the oil is acceptable for the time in service.

VOLVO					
🛛 🔰 WEAR M	ETALS				
-				•	
Iron	ppm	<b>16</b>	12		
Copper	ppm	<b>4</b>	4		
Lead	ppm	■ <1	< 1		
Tin	ppm		<1		
Aluminum	ppm	9	16		
Chromium	ppm	<b>1</b>	2		
Molybdenum	ppm	42	39		
Nickel	ppm		0		
Titanium	ppm	0	<1		
Silver	ppm		<1		
Manganese	ppm	0	<b></b> <1		
Vanadium	ppm	0	0		

vanadit

ADDITIVES							
Calcium	ppm	<b>1628</b>	1649				
Magnesium	ppm	524	526				
Zinc	ppm	<b>1091</b>	1065				
Phosphorus	ppm	921	1011				
Barium	ppm	0	<1				
Boron	ppm	<b>42</b>	53				

 Depot:
 VOLVO3908

 Unique No:
 5708058

 Signed:
 Wes Davis

 Report Date:
 08 Jan 2024

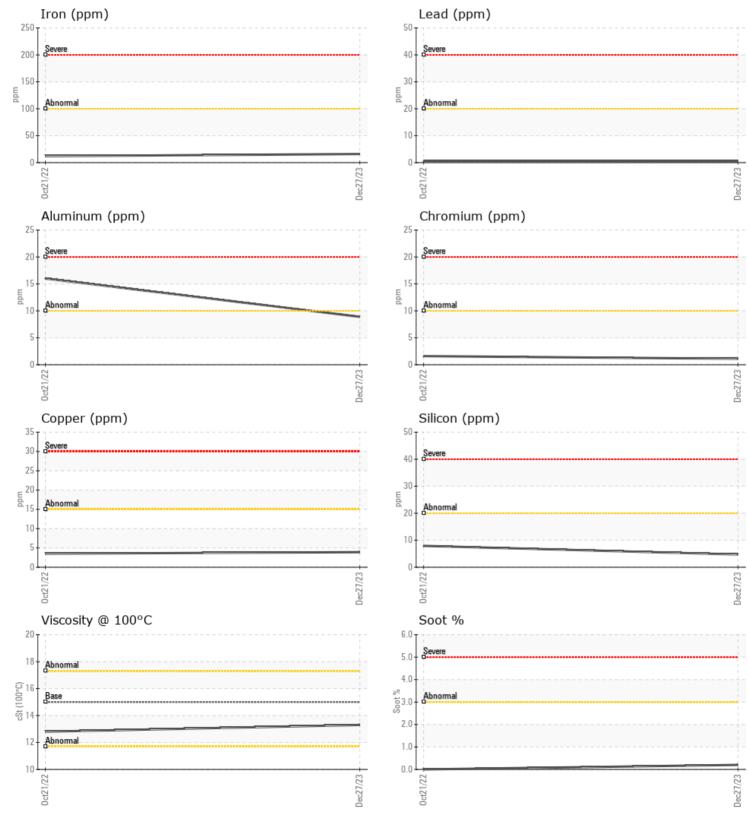
Contact/Location: Nicholas Weir - VOLVO3908

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3908 [WCAMIS] 02606972 (Generated: 01/08/2024 14:51:57) Rev: 1

Contact/Location: Nicholas Weir - VOLVO3908