## CONSTRUCTION EQUIPMENT 381835 XCMG XE360U THKA00106 - DIESEL ENGINE



# Sample No: VCP352612 Oil Type: VOLVO ULT

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 381835

9

10

ppm

ppm

### SAMPLE INFORMATION

Sample Number		VCP352612	 	
Sample Date		14 Nov 2023	 	
Machine Hours		4022	 	
Oil Hours		750	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	<b>14.1</b>	 	
Oxidation (PA)	%	87	 	
CONTAMIN	IATION			
Water	%	NEG	 	
Soot %	%	∎1.1	 	
Nitration (PA)	%	102	 	
Sulfation (PA)	%	70	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	



#### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW Acheson, AB CA T7X 6C2 Contact: Jason Sweet jsweet@strongco.com T: Phone F: (780)417-2615

#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

VOLVO	TALC			
WEAR M	ETALS			
Iron	ppm	51	 	
Copper	ppm	29	 	
Lead	ppm	3	 	
Tin	ppm	<b>□</b> <1	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	22	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	<b>□</b> <1	 	
Manganese	ppm	<b>□</b> <1	 	
Vanadium	ppm	0	 	

Vanadi

Sodium

Potassium

ADDITIVES							
Calcium	ppm	<b>1853</b>					
Magnesium	ppm	364					
Zinc	ppm	<b>1269</b>					
Phosphorus	ppm	<b>1019</b>					
Barium	ppm	□<1					
Boron	ppm	<b>1</b> 6					

 Depot:
 VOLVO3908

 Unique No:
 5693946

 Signed:
 Wes Davis

 Report Date:
 05 Dec 2023

Report Id: VOLVO3908 [WCAMIS] 02600861 (Generated: 12/05/2023 12:47:59) Rev: 1

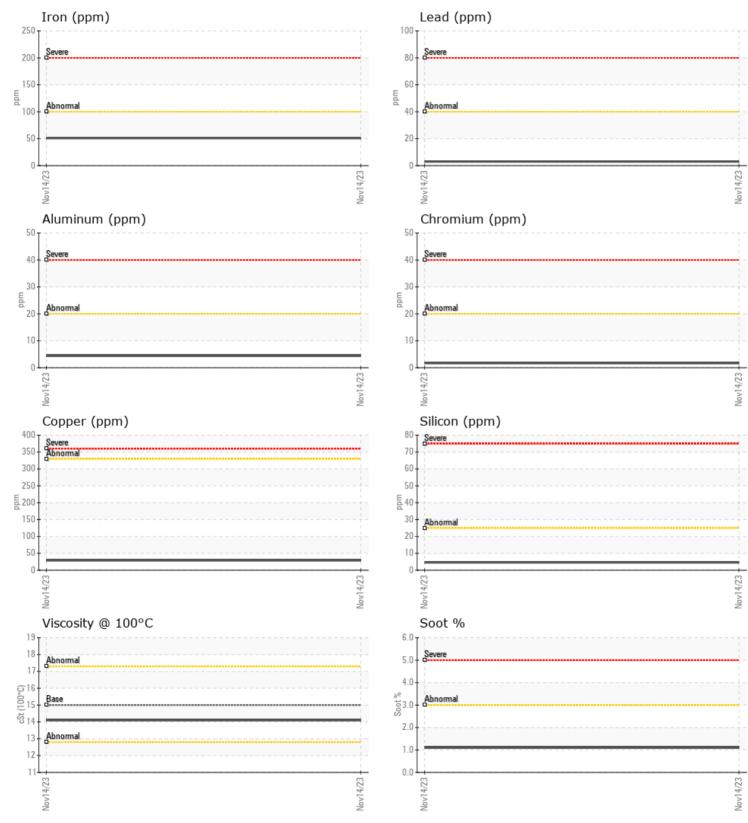
Contact/Location: Jason Sweet - VOLVO3908

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: Jason Sweet - VOLVO3908