**CONSTRUCTION EQUIPMENT** VOLVO EW220E 12368279 - DIESEL ENGINE 365811



## VC458399 Sample No:

VOLVO

Oil Type:	BOSS LUBRICANTS BLUE RAM DIESEL 15W40
Job No:	365811

NFORMATION								
-	VC458399							
	06 Jan 2024							
	4841							
	500							
	Changed							
	NORMAL							
OIL CONDITION								
cSt	<b>14.2</b>							
%	60							
CONTAMINATION								
%	NEG							
%	0							
%	68							
%	52							
%	NEG							
%	<1.0							
ppm	<b>4</b>							
ppm	2							
ppm	2							
WEAR METALS								
ppm	<b>4</b>							
ppm	<b></b> <1							
ppm	0							
	cSt % NATION % % % % % % % % % % % ppm ppm ppm ppm p	VC458399     06 Jan 2024     4841     500     Changed     NORMAL	VC458399      06 Jan 2024      4841      500      Changed      NORMAL      x   14.2      %   60      %   60      %   60      %   60      %   60      %   60      %   60      %   60      %   8      %   14.2      %   60      %   8      %   10      %   52      %   <1.0	VC458399         06 Jan 2024         4841         500         Changed         NORMAL         titlon         cSt     14.2         %     60         %     60         %     60         %     60         %     60         %     68         %     52         %     S2         %     S2         %     <1.0				
VC458399         06 Jan 2024         4841         500         Changed         NORMAL         titlon         cSt     14.2         %     60         %     60         %     60         %     60         %     60         %     68         %     52         %     S2         %     S2         %     <1.0								

## CITY OF REGINA - FLEET SERVICES DEPT

2476 VICTORIA AVENUE, BOX 1790 REGINA, SK CA S4P 3C8 Contact: Curtis Jors cjors@regina.ca T: (306)777-7674 F: (306)777-6813

## 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.

WEAR N	METALS			
Iron	ppm	4	 	
Copper	ppm	<b></b> <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	80	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

**ADDITIVES** 1979 Calcium ppm Magnesium ppm 241 1227 Zinc ppm Phosphorus ppm 1074 Barium 0 🔲 ppm Boron 53 ppm

Depot: CITREG Unique No: 5720864 Signed: Wes Davis Report Date: 30 Jan 2024

Contact/Location: Curtis Jors - CITREG

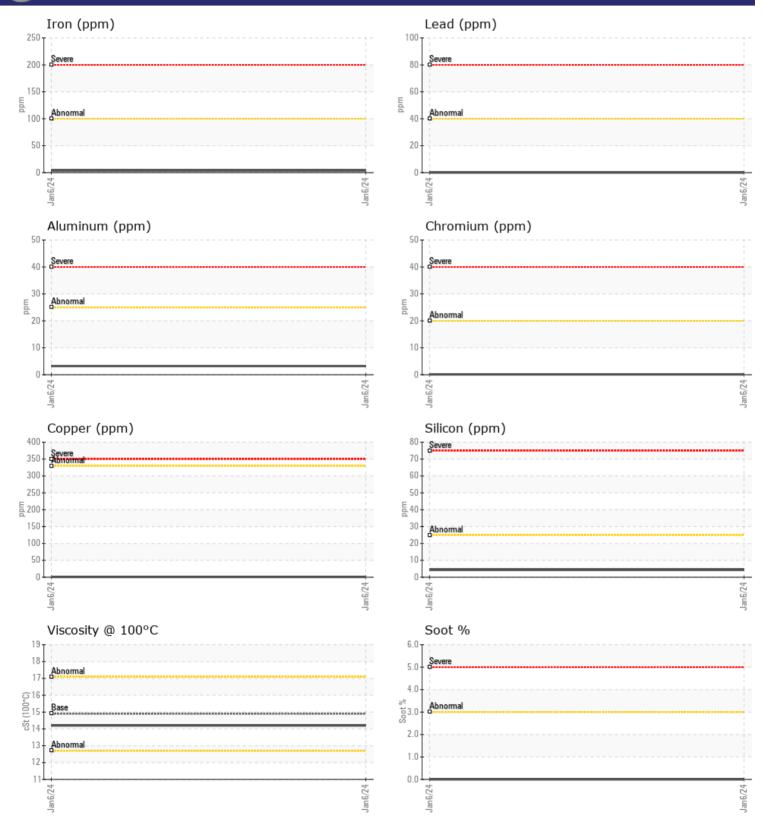
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: Curtis Jors - CITREG