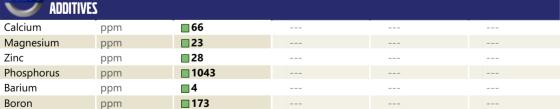
CONSTRUCTION EQUIPMENT

Sample No:	VCP437235		
Oil Type:	GEAR OIL SAE 85W140		
Job No:	A68736		

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP437235					
Sample Date		23 Apr 2024					
Machine Hours		5557					
Oil Hours		5557					
Oil Changed		Changed					
Sample Status		SEVERE					
OIL CONDITION							
Visc @ 40°C	cSt	304					
VOLVO							
CONTAMINATION							
Water	%	0.275					
Silicon	ppm	1142					
Sodium	ppm	62					
Potassium	ppm	90					
WEAR METALS							
Iron	ppm	2034					
Copper	ppm	5					
Lead	ppm	 <1					
Tin	ppm	0					
Aluminum	ppm	237					
Chromium	ppm	4 7					
Molybdenum	ppm	2					
Nickel	ppm	8					
Titanium	ppm	<mark>/</mark> 16					
Silver	ppm	0					
Manganese	ppm	1 9					
Vanadium	ppm	<1					
ADDITIVES							





CHADWICK-BAROSS INC MAIN

PO BOX 4500 WESTBROOK, ME US 04098 Contact: TODD PIERCE pierce@chadwick-baross.com T: (207)854-8411 F: (207)854-8237

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VOLVO0006

 Unique No:
 11004016

 Signed:
 Jonathan Hester

 Report Date:
 01 May 2024

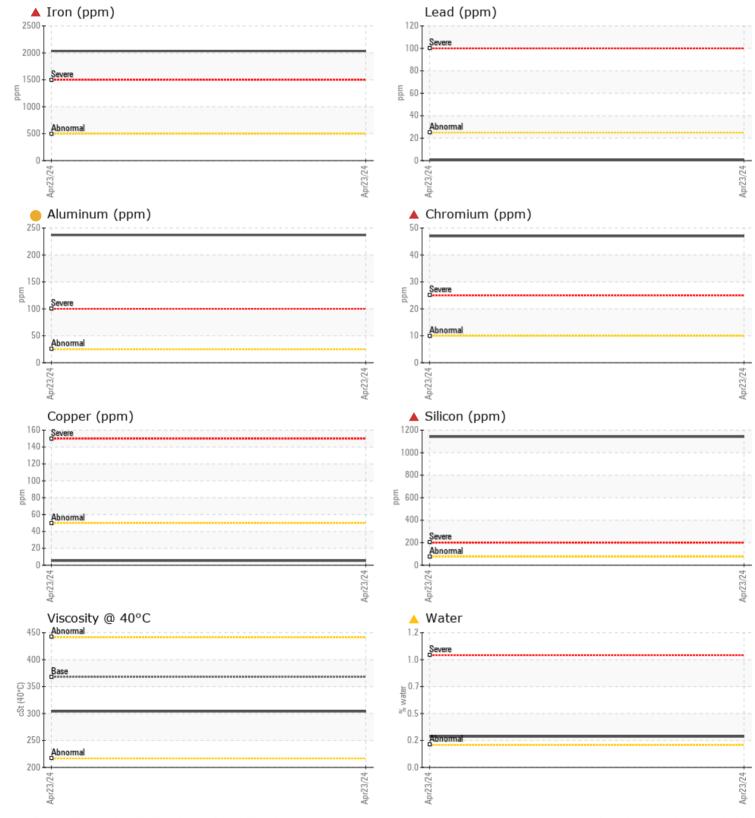
 Contact/Location: TODD PIERCE - VOLVO0006

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0006 [WUSCAR] 06163297 (Generated: 05/02/2024 06:07:48) Rev: 1

Contact/Location: TODD PIERCE - VOLVO0006