CONSTRUCTION EQUIPMENT SW1026326 STEFFY CON VOLVO ECR235E 315062 - DIESEL ENG

Sample No:VCP441001Oil Type:DIESEL ENGINE OIL SAE 15W40Job No:SW1026326 STEFFY CON

VOLVO

SAMPLE IN	FORMATION				
Sample Number	-	VCP441001			
Sample Date		10 Nov 2023			
Machine Hours		1052			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 100°C	cSt	13.6			
Base Number (BN)	mg KOH/g	6.4			
Oxidation (PA)	%	60			

Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 4	 	
Sodium	ppm	1	 	
Potassium	ppm	■4	 	

WEAR METALS

WEAK M	IE I ALS			
Iron	ppm	38	 	
Copper	ppm	11	 	
Lead	ppm	 <1	 	
Tin	ppm	□ 4	 	
Aluminum	ppm	7	 	
Chromium	ppm	2	 	
Molybdenum	ppm	25	 	
Nickel	ppm	8	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	2174			
Magnesium	ppm	276			
Zinc	ppm	1198			
Phosphorus	ppm	973			
Barium	ppm	0			
Boron	ppm	59			



ARNOLD MACHINERY COMPANY

4323 EAST WINSLOW AVENUE PHOENIX, AZ US 85040 Contact: RANDY PRZEKURAT randyp@arnoldmachinery.com T: F: (602)414-1904

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.

 Depot:
 VOLVO6174

 Unique No:
 10751276

 Signed:
 Wes Davis

 Report Date:
 21 Nov 2023

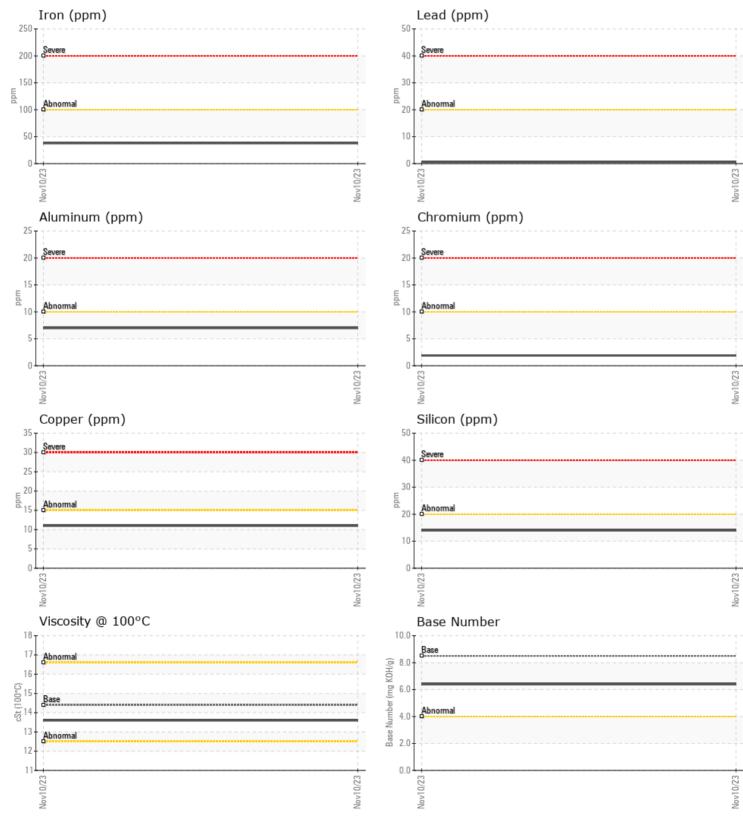
Contact/Location: RANDY PRZEKURAT - VOLVO6174

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO6174 [WUSCAR] 06012132 (Generated: 11/21/2023 09:31:48) Rev: 1

Contact/Location: RANDY PRZEKURAT - VOLVO6174