CONSTRUCTION EQUIPMENT SW-24201-2 VOLVO ECR145E 316420 - DIESEL ENGINE

Sample No:	VCP432512
Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	SW-24201-2

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SAMPLE INFORMATION

VOLVO

Sample Number		VCP432512					
Sample Date		18 Sep 2023					
Machine Hours		555					
Oil Hours		555					
Oil Changed		Changed					
Sample Status		NORMAL					
OIL CONDI	τιον						
Visc @ 100°C	cSt	13.2					
Base Number (BN)	mg KOH/g	6.8					
Oxidation (PA)	%	42					
CONTAMIN							
Soot %	%	0.5					
Nitration (PA)	%	55					
Sulfation (PA)	%	47					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	1 9					
Sodium	ppm	1					
Potassium	ppm	3					

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WEAR N	METALS			
Iron	ppm	38	 	
Copper	ppm	11	 	
Lead	ppm	■ <1	 	
Tin	ppm	3	 	
Aluminum	ppm	10	 	
Chromium	ppm	3	 	
Molybdenum	ppm	4	 	
Nickel	ppm	11	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

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ppm	2317			
ppm	87			
ppm	1097			
ppm	929			
ppm	0			
ppm	0			
	opm opm opm opm	87 opm 1097 opm 929 opm 0	87 opm 1097 opm 929 opm 0	87 opm 1097 opm 929 opm 0



ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a components first oil change. 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:
 VOLVO8770

 Unique No:
 10660728

 Signed:
 Wes Davis

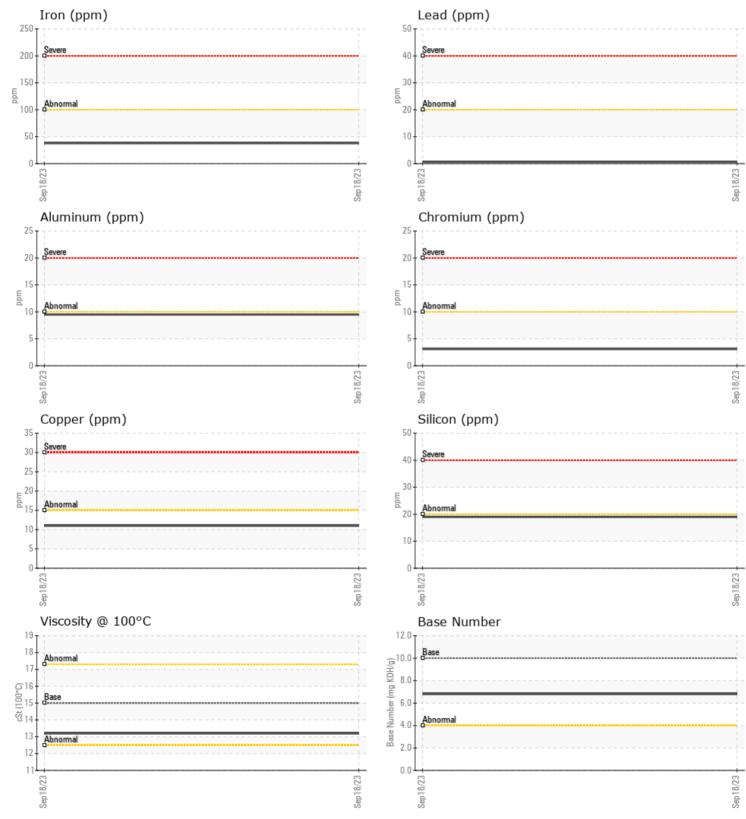
 Report Date:
 25 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05959515 (Generated: 09/29/2023 05:09:11) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770