

CONSTRUCTION EQUIPMENT VOLVO ECR235E 314041 - DIESEL ENGINE



Sample No: VCP0007799

. Oil Type: VOLV

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

	FORMATION			
	AF UNMATION		NCD222070	 -
Sample Number		VCP0007799	VCP332970	
Sample Date		15 Apr 2024	02 May 2022	
Machine Hours		1037	1037	
Oil Hours		1037	500	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	ABNORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	= 12.0	— 12.6	
		12.9	13.6	
Base Number (BN)		■ 10.6	7.0	
Oxidation (PA)	%	80	74	
VOLVO				
V CONTAMIN	NATION			
Water	%	NEG	NEG	
Soot %	%	0.1	0.3	
Nitration (PA)	%	43	79	
Sulfation (PA)	%	61	63	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	8	19	
Sodium	ppm	0	4	
Potassium	ppm	0	4	
	la la			
WEAR MET	7 ΔΙ ς			
			89	
ron	ppm	1 2		
Copper	ppm	0	▲ 33	
Lead	ppm	0	5	
Tin Alumainum	ppm	■ <1	5	
Aluminum	ppm	2	27	
Chromium	ppm	□ <1	6	
Molybdenum	ppm	39	4	
Nickel	ppm	0	9	
Fitanium	ppm	<1	14	
Silver	ppm	0	0	
Manganese	ppm	0	6	
/anadium	ppm	0	<1	
	5			
Calcium	ppm	1700	2582	
Vagnesium	ppm	467	121	
Zinc	ppm	1087	1428	
Phosphorus	ppm	944	1074	
Barium	ppm	0	0	
Boron		85	9	
501011	ppm		9	



ALTA EQUIPMENT COMPANY

3750 PHILIPS HWY ACKSONVILLE, FL JS 32256 Contact: SHAWN NORTHCRAFT hawn.northcraft@altg.com T: (904)737-6000 E: (904)737-1260

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:
 VOLVO0092

 Unique No:
 10981741

 Signed:
 Wes Davis

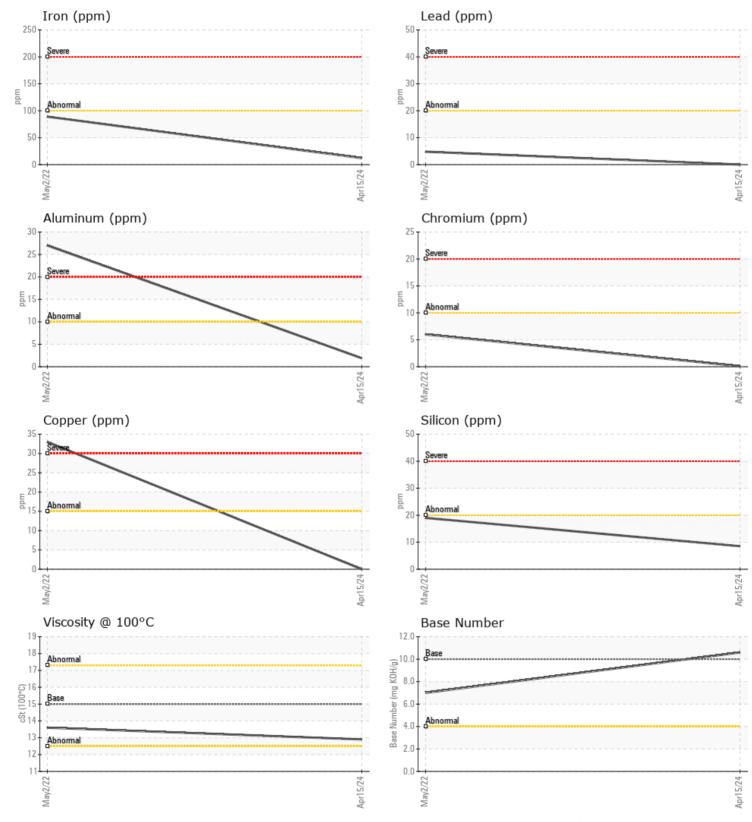
 Report Date:
 18 Apr 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0092 [WUSCAR] 06151663 (Generated: 04/18/2024 11:42:41) Rev: 1

Submitted By: TECHNICIAN ACCOUNT