CONSTRUCTION EQUIPMENT SPM580038 AM TERM TERRAMAC RT 14R 14RL00270 - DIESEL EN

Sample No: VCP423437 **Oil Type: DIESEL ENGINE OIL SAE 15W40** Job No: SPM580038 AM TERM

VOLVO

	NFORMATION			
Sample Number		VCP423437	 	
Sample Date		10 Jul 2023	 	
Machine Hours		1160	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g		 	
Oxidation (PA)	%	69	 	
	NATION			

	MINATION			
Soot %	%	0.2	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	18	 	
Sodium	ppm	2	 	
Potassium	ppm	 <1	 	

WEAR I	METALS			
Iron	ppm	15	 	
Copper	ppm	4	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	8	 	
Chromium	ppm	2	 	
Molybdenum	ppm	121	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	<1	 	

ADDITIVES					
Calcium	ppm	1684			
Magnesium	ppm	703			
Zinc	ppm	903			
Phosphorus	ppm	750			
Barium	ppm	0			
Boron	ppm	316			



ALTA EQUIPMENT CO - ORLAND PARK

5000 INDUSTRIAL HWY GARY, IN US 46406 Contact: DAVE ENG DAVE.ENG@ALTG.COM T: (312)350-2560 F:

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: VOLVO8885 Unique No: 10573965 Signed: Wes Davis Report Date: 27 Jul 2023

Report Id: VOLVO8885 [WUSCAR] 05907313 (Generated: 07/27/2023 04:27:18) Rev: 1

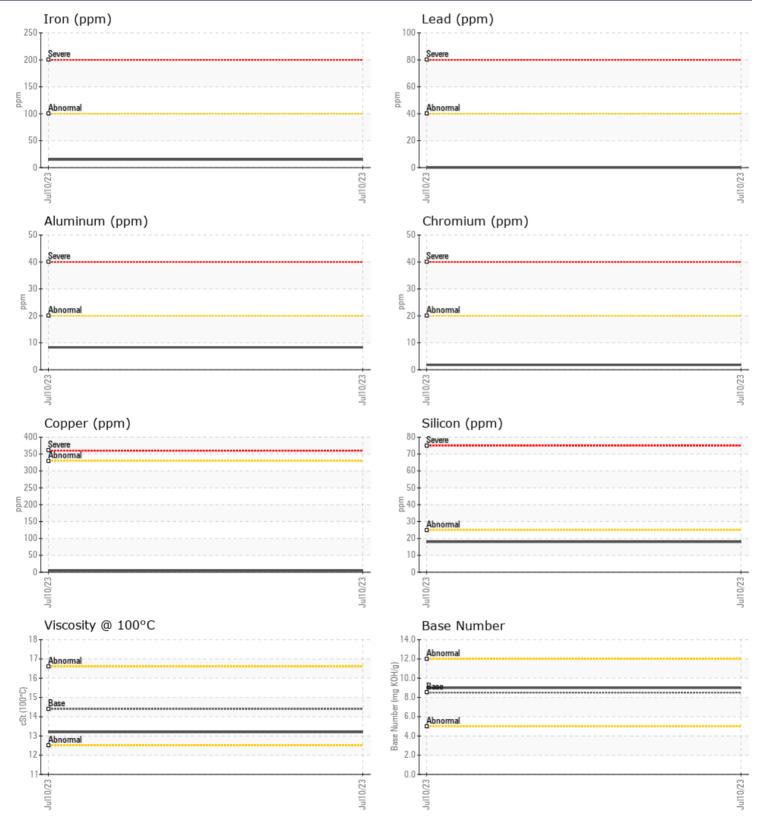
Contact/Location: DAVE ENG - VOLVO8885

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8885 [WUSCAR] 05907313 (Generated: 07/27/2023 04:27:21) Rev: 1

Contact/Location: DAVE ENG - VOLVO8885