

CONSTRUCTION EQUIPMENT 34236 BIG SKY DAIRY VOLVO L70H 625117 - DIESEL ENGINE

Sample No: VCP453981 **Oil Type:** MOBIL 15W40 Job No: 34236 BIG SKY DAIRY

	NFORMATION				
			-	-	
Sample Number		VCP453981			
Sample Date		06 May 2024			
Machine Hours		2861			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CONDI	TION				
Visc @ 100°C	cSt	13.1			
Base Number (BN)	mg KOH/g	7.0			
Oxidation (PA)	%	63			
VOLVO					
Contamii	NATION				
Water	%	NEG			
Soot %	%	0.5			
Nitration (PA)	%	83			
Sulfation (PA)	%	53			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	6			
Sodium	ppm	<1			
Potassium	ppm	2			
	I= I=				
VOLVO					
VEAR ME	TALS				
Iron	ppm	1 2			
Copper	ppm	2			
Lead	ppm	■ <1			
Tin	ppm	2			
Aluminum	ppm	5			
Chromium	ppm	1			
Molybdenum	ppm	88			
NUL	I- I				



ARNOLD MACHINERY COMPANY

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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.

WEAR METALS					
Iron	ppm	12			
Copper	ppm	2			
Lead	ppm	 <1			
Tin	ppm	2			
Aluminum	ppm	5			
Chromium	ppm	1			
Molybdenum	ppm	88			
Nickel	ppm				
Titanium	ppm	<1			
Silver	ppm				
Manganese	ppm	□ <1			
Vanadium	ppm	<1			

ADDITIVES							
Calcium	ppm	1179					
Magnesium	ppm	834					
Zinc	ppm	1120					
Phosphorus	ppm	962					
Barium	ppm	0					
Boron	ppm	29					

Depot: VOLVO1835 Unique No: 11032235 Signed: Wes Davis Report Date: 16 May 2024

Report Id: VOLVO1835 [WUSCAR] 06180909 (Generated: 05/16/2024 16:43:22) Rev: 1

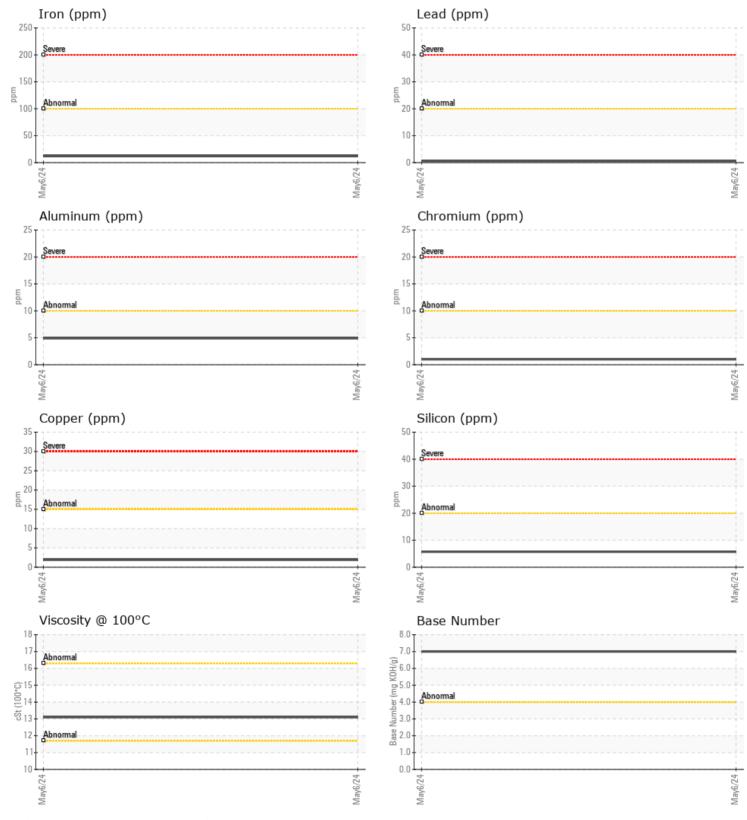
Contact/Location: JANAE HYMAS - VOLVO1835

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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