## CONSTRUCTION EQUIPMENT 19095 GAINES RALEIGH VOLVO EC350EL 310871 - DIESEL ENGIN

Sample No: VCP427414

VOLVO

Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:19095 GAINES RALEIGH

### SAMPLE INFORMATION

Sample Number	-	VCP427414	 	
Sample Date		08 Jul 2023	 	
Machine Hours		4953	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI				
Visc @ 100°C	cSt	<b>12.3</b>	 	
Base Number (BN)	mg KOH/g	■7.7	 	
Oxidation (PA)	%	59	 	
CONTAMIN				
	VATION			
Soot %	%	0.1	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<b>2.3</b>	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>1</b>	 	

#### WFAR METALS

Iron	ppm	<b>4</b>	 	
Copper	ppm	2	 	
Lead	ppm	<b>□</b> <1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	62	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

Vandala

ADDITIVES								
ppm	1113							
ppm	879							
ppm	<b>1220</b>							
ppm	<b>1018</b>							
ppm	0							
ppm	■11							
	ppm ppm ppm ppm	ppm         879           ppm         1220           ppm         1018           ppm         0	ppm         879            ppm         1220            ppm         1018            ppm         0	ppm         879             ppm         1220             ppm         1018             ppm         0				



#### 117 - ASCENDUM MACHINERY INC - GREENVILLE 2002 N GREENE ST

GREENVILLE, NC US 27834 Contact: BRANDON JENKINS BRANDON JENKINS@ASCENDUMMACHINERY.COM T: F: (704)494-8197

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8769

 Unique No:
 10552477

 Signed:
 Don Baldridge

 Report Date:
 14 Jul 2023

Report Id: VOLVO8769 [WUSCAR] 05896667 (Generated: 07/14/2023 10:57:04) Rev: 1

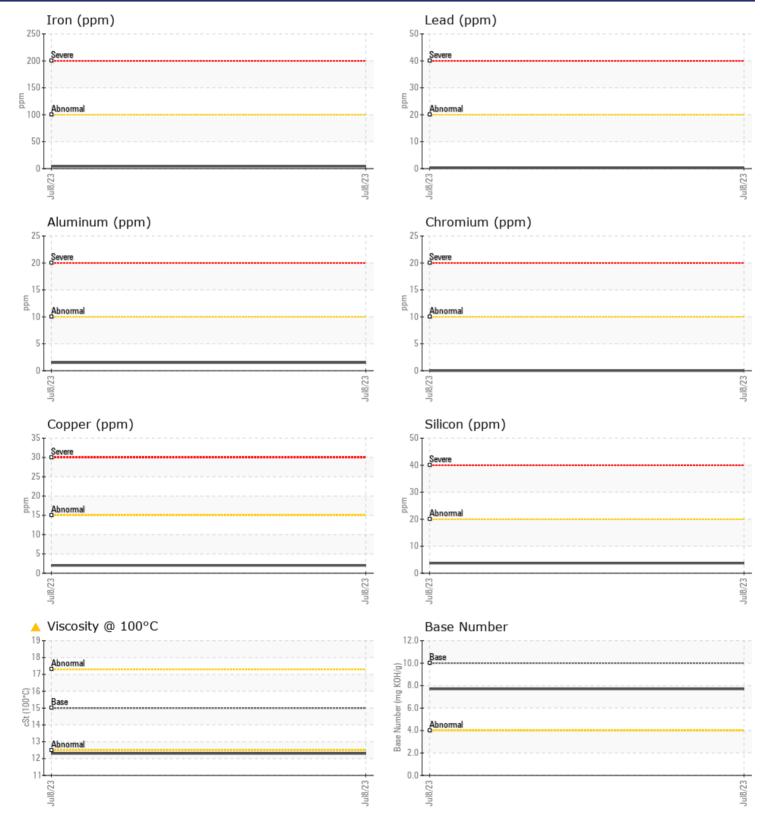
Contact/Location: BRANDON JENKINS - VOLVO8769

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: BRANDON JENKINS - VOLVO8769