## CONSTRUCTION EQUIPMENT 19621 TGP CATERPILLAR 345BL AGS01373 - DIESEL ENGINE

 Sample No:
 VCP430754

 Oil Type:
 VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

 Job No:
 19621 TGP

## SAMPLE INFORMATION

VOLVO

Sample Number		VCP430754							
Sample Date		02 Oct 2023							
Machine Hours		6400							
Oil Hours		352							
Oil Changed		Changed							
Sample Status		NORMAL							
Visc @ 100°C	cSt	<b>13.9</b>							
Base Number (BN)	mg KOH/g	7.5							
Oxidation (PA)	%	66							
Soot %	%	0.5							
Nitration (PA)	%	77							
Sulfation (PA)	%	56							
Glycol	%	NEG							
Fuel	%	<1.0							
Silicon	ppm	5							
Sodium	ppm	2							
Potassium	ppm	<b>10</b>							

otassium

WEAR METALS								
Iron	ppm	24						
Copper	ppm	290						
Lead	ppm	3						
Tin	ppm	■ <1						
Aluminum	ppm	3						
Chromium	ppm	<b></b> <1						
Molybdenum	ppm	64						
Nickel	ppm	0						
Titanium	ppm	<b></b> <1						
Silver	ppm	0						
Manganese	ppm	■ <1						
Vanadium	ppm	0						

**ADDITIVES** 1296 Calcium ppm Magnesium 862 ppm 1318 Zinc ppm Phosphorus ppm 1093 Barium 0 🔲 ppm Boron 18 ppm





## 117 - ASCENDUM MACHINERY INC - GREENVILLE

2002 N GREENE ST GREENVILLE, NC US 27834 Contact: BRANDON JENKINS BRANDONJENKINS@ASCENDUMMACHINERY.COM T: F: (704)494-8197

Diagnosis

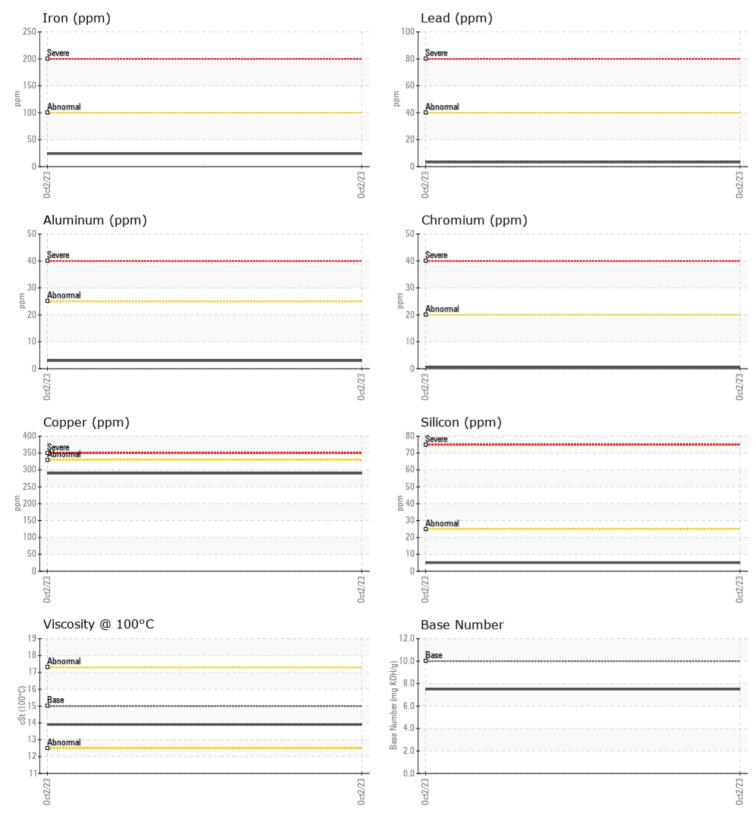
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: BRANDON JENKINS - VOLVO8769