## CONSTRUCTION EQUIPMENT 17582088 ERE LLC VOLVO ECR145EL 315433 - DIESEL ENGINE

 Sample No:
 VCP398876

 Oil Type:
 VOLVO VDS-4.5

VOLVO

Job No:

VOLVO VDS-4.5 Premium Motor Oil 15W40 17582088 ERE LLC



Sample Number

# SAMPLE INFORMATION

ppm

2

Sample Date		18 Oct 2023								
Machine Hours		1734								
Oil Hours		624								
Oil Changed		Changed								
Sample Status		NORMAL								
Visc @ 100°C	cSt	13.5								
Base Number (BN)	mg KOH/g	<b>11.3</b>								
Oxidation (PA)	%	79								
CONTAMIN										
	IATION									
Soot %	%	∎0.1								
Nitration (PA)	%	41								
Sulfation (PA)	%	61								
Glycol	%	NEG								
Fuel	%	<1.0								
Silicon	ppm	<b>12</b>								
Sodium	ppm	0								

Potassium

#### WEAR METALS 4 Iron ppm Copper ■<1 ppm Lead 0 🔲 ppm Tin 0 ppm Aluminum ppm **||** < 1 **||** <1 Chromium ppm Molybdenum 41 ppm Nickel 0 ppm Titanium 0 ppm Silver 0 ppm Manganese 0 🔲 ppm Vanadium ppm 0

ADDITIVES							
Calcium	ppm	1585					
Magnesium	ppm	481					
Zinc	ppm	<b>1061</b>					
Phosphorus	ppm	889					
Barium	ppm	0					
Boron	ppm	<b>71</b>					



TRANSOURCE TRUCK & EQUIPMENT

1810 DEADWOOD AVENUE RAPID CITY, SD US 57401 Contact: JORDAN FETERL jordan.feterl@transourceusa.com T: (605)342-5694 F: (605)342-8791

### 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:
 VOLVO0037

 Unique No:
 10724892

 Signed:
 Wes Davis

 Report Date:
 02 Nov 2023

Report Id: VOLVO0037 [WUSCAR] 05996532 (Generated: 11/02/2023 16:36:26) Rev: 1

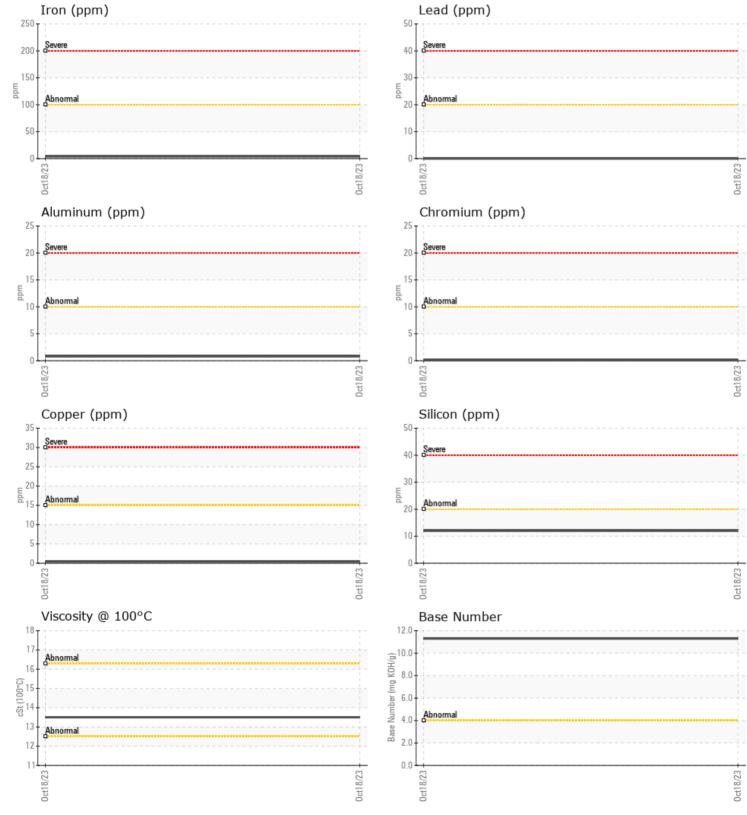
Contact/Location: JORDAN FETERL - VOLVO0037

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Contact/Location: JORDAN FETERL - VOLVO0037