## CONSTRUCTION EQUIPMENT 5573 VOLVO 315546 - DIESEL ENGINE



Sample No: VCP392991

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	5573

<1.0

5

3

<1

## SAMPLE INFORMATION

%

ppm

ppm

ppm

Sample Number		VCP392991	VCP394790	 
Sample Date		24 May 2024	14 Aug 2023	 
Machine Hours		1000	491	 
Oil Hours		1000	0	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL COND	ITION	_		 
Visc @ 100°C	cSt	<b>13.0</b>	13.5	 
Oxidation (PA)	%	80	46	 
CONTAM	INATION		_	
Water	%	NEG	NEG	 
Soot %	%	0	0	 
Nitration (PA)	%	62	56	 
Sulfation (PA)	%	62	55	 
Glycol	%	NEG	NEG	 



#### GREAT WEST EQUIPMENT

1600 KOSMINA ROAD, 123 L&A CROSS RD VERNON, BC CA V1T 8T2 Contact: Garry Beach gbeach@gwequipment.com T: (250)549-4232 F: (250)549-3397

### 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 condition of the oil is acceptable for the time in service.

VOLVO						
WEAR METALS						
Iron	ppm	15	24			
Copper	ppm	2	12			
Lead	ppm	0	1			
Tin	ppm		2			
Aluminum	ppm	<b>4</b>	5			
Chromium	ppm	<b>1</b>	3			
Molybdenum	ppm	38	15			
Nickel	ppm	2	9			
Titanium	ppm	0	0			
Silver	ppm	0	0			
Manganese	ppm	<b>  </b> <1	4			
Vanadium	ppm	0	0			

< 1.0

13

3

3

Vanadiu

Fuel

Silicon

Sodium

Potassium

ADDITIVES						
Calcium	ppm	<b>1802</b>	2414			
Magnesium	ppm	<b>461</b>	84			
Zinc	ppm	<b>1081</b>	1061			
Phosphorus	ppm	900	980			
Barium	ppm	<b>□</b> <1	2			
Boron	ppm	<b>30</b>	4			

 Depot:
 MARVER

 Unique No:
 5788225

 Signed:
 Wes Davis

 Report Date:
 31 May 2024

Report Id: MARVER [WCAMIS] 02639063 (Generated: 05/31/2024 13:02:56) Rev: 1

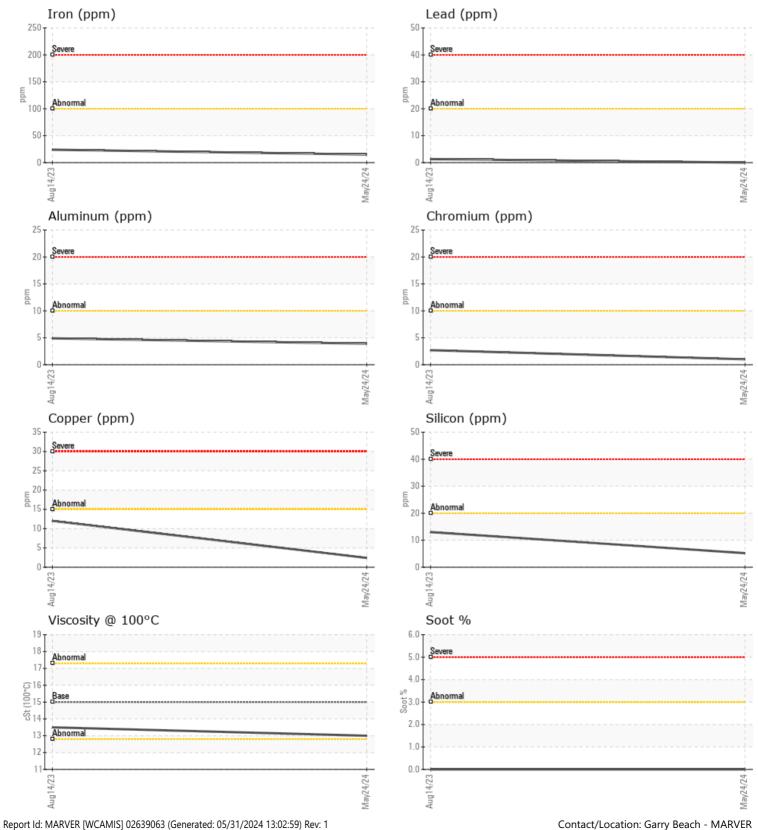
Contact/Location: Garry Beach - MARVER

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/E