## CONSTRUCTION EQUIPMENT TRIPLE M 376790 VOLVO EC480E 315055 - DIESEL ENGINE



Sample No: VCP380148 Oil Type: VOLVO ULT

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 Job No: 376790

### SAMPLE INFORMATION

Sample Number		VCP380148	VCP391690	 
Sample Date		05 Sep 2023	21 Jul 2023	 
Machine Hours		982	664	 
Oil Hours		500	0	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CON	DITION			
Visc @ 100°C	cSt	11.9	10.4	 
Oxidation (PA)	%	82	75	 
CONTAM	MINATION			
Coot 0/	0/			

Soot %	%	0	0	 
Nitration (PA)	%	58	83	 
Sulfation (PA)	%	64	62	 
Glycol	%	NEG	NEG	 
Fuel	%	0.9	0.9	 
Silicon	ppm	7	29	 
Sodium	ppm	2	4	 
Potassium	ppm	<b>  </b> <1	4	 

#### WEAR METALS

WEAR N	ICTALS			
Iron	ppm	6	15	 
Copper	ppm	111	203	 
Lead	ppm	3	6	 
Tin	ppm		2	 
Aluminum	ppm	<b>1</b>	3	 
Chromium	ppm	0	<1	 
Molybdenum	ppm	43	84	 
Nickel	ppm		0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	□<1	3	 
Vanadium	ppm	0	0	 

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ADDITIVES						
Calcium	ppm	1732	2089			
Magnesium	ppm	<b>476</b>	124			
Zinc	ppm	<b>1071</b>	1162			
Phosphorus	ppm	973	1048			
Barium	ppm	0	< 1			
Boron	ppm	32	18			



#### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd. Burlington, ON CA L7L 4Y1 Contact: C. Carter ccarter@strongco.com T: F: (905)643-6077

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLV00252

 Unique No:
 5644123

 Signed:
 Bill Quesnel

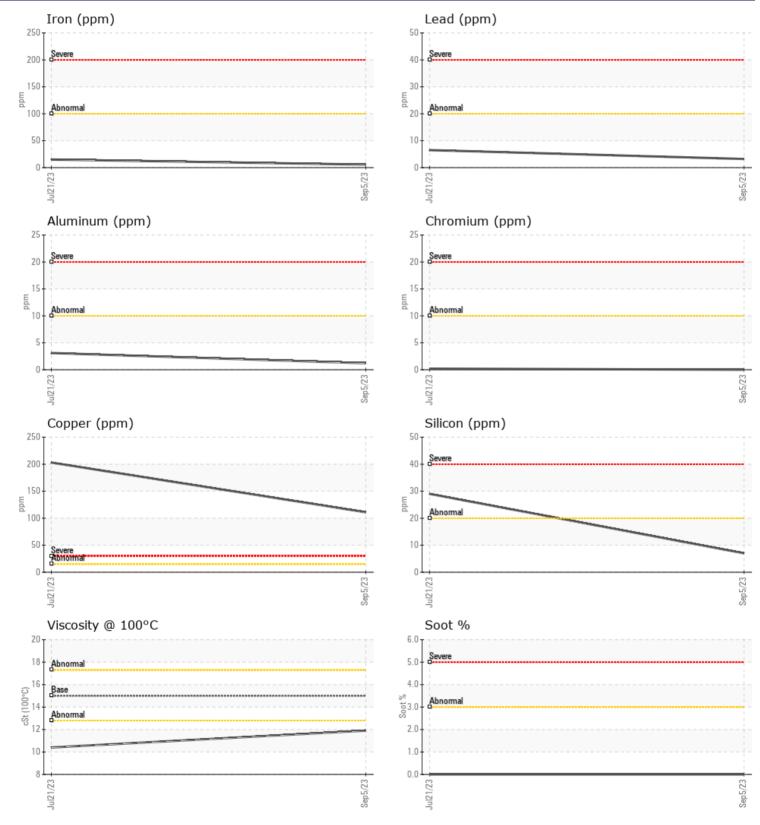
 Report Date:
 19 Sep 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: C. Carter - VOLVO0252