CONSTRUCTION EQUIPMENT TK ANDERSON VOLVO SD77DX 600301 - DIESEL ENGINE

Sample No:VCP424739Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:TK ANDERSON

VOLVO

## SAMPLE INFORMATION VCP424739 Sample Number Sample Date 30 Aug 2023 Machine Hours 1353 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 10.9 Oxidation (PA) 85 %

CONTAMINATION									
Soot %	%	0.2							
Nitration (PA)	%	63							
Sulfation (PA)	%	62							
Glycol	%	NEG							
Fuel	%	<1.0							
Silicon	ppm	5							
Sodium	ppm	<b>4</b>							
Potassium	ppm	2							

WFAR METALS

WLAK	METALS			
Iron	ppm	14	 	 
Copper	ppm	<b>1</b>	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm		 	
Molybdenum	ppm	<b>4</b> 3	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	maa	<1	 	

**ADDITIVES** Calcium ppm 1812 Magnesium 574 ppm 1260 Zinc ppm Phosphorus ppm 1017 Barium 0 🔲 ppm 64 Boron ppm

160 - ASCENDUM MACHINERY INC - MILLS RIVER 215 FANNING FIELDS RD MILLS RIVER, NC US 28759 Contact: BRANDON DRAKE brandon.drake@ascendummachinery.com T: 8(286)687-0620 F: (828)687-0622

## 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:
 VOLV01672

 Unique No:
 10631078

 Signed:
 Wes Davis

 Report Date:
 01 Sep 2023

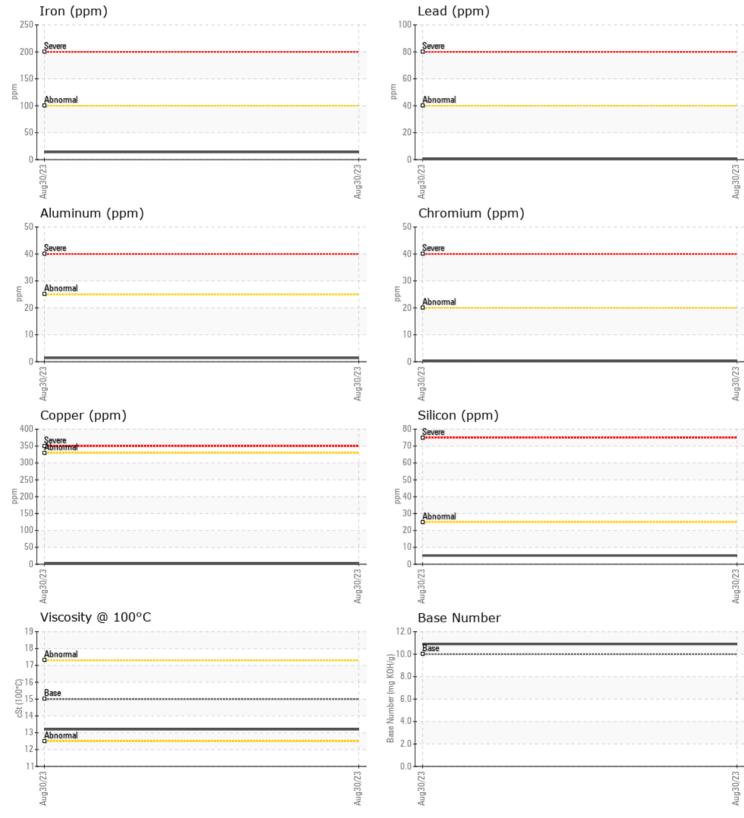
Contact/Location: BRANDON DRAKE - VOLVO1672

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO1672 [WUSCAR] 05940466 (Generated: 09/06/2023 15:04:29) Rev: 1

Contact/Location: BRANDON DRAKE - VOLVO1672