CONSTRUCTION EQUIPMENT M01000015-13 KENWORTH 384616 - DIESEL ENGINE

Sample No:	VCP418668
Oil Type:	SCHAEFFER SUPREME 7000
Job No:	M01000015-13

VOLVO

## SAMPLE INFORMATION VCP418668 Sample Number Sample Date 24 Jul 2023 Machine Hours 4586 Oil Hours 581 Oil Changed Changed NORMAL Sample Status OIL CONDITION Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 5.4 Oxidation (PA) 86 %

CONTAN	MINATION			
Soot %	%	0.6	 	
Nitration (PA)	%	97	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	3	 	
Potassium	ppm	<b>15</b>	 	

VOLVO

WEAR N	METALS			
Iron	ppm	21	 	
Copper	ppm	<b>1</b>	 	
Lead	ppm	□<1	 	
Tin	ppm	□<1	 	
Aluminum	ppm	8	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	66	 	
Nickel	ppm	□<1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	<1	 	

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ADDIT	IVES			
Calcium	ppm	2141	 	
Magnesium	ppm	<b>124</b>	 	
Zinc	ppm	<b>1239</b>	 	
Phosphorus	ppm	<b>1000</b>	 	
Barium	ppm	0	 	
Boron	ppm	<b>47</b>	 	
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## ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TONY PAYAN tpayan@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

## 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:
 VOLVO8770

 Unique No:
 10577364

 Signed:
 Wes Davis

 Report Date:
 31 Jul 2023

Report Id: VOLVO8770 [WUSCAR] 05910712 (Generated: 07/31/2023 14:40:57) Rev: 1

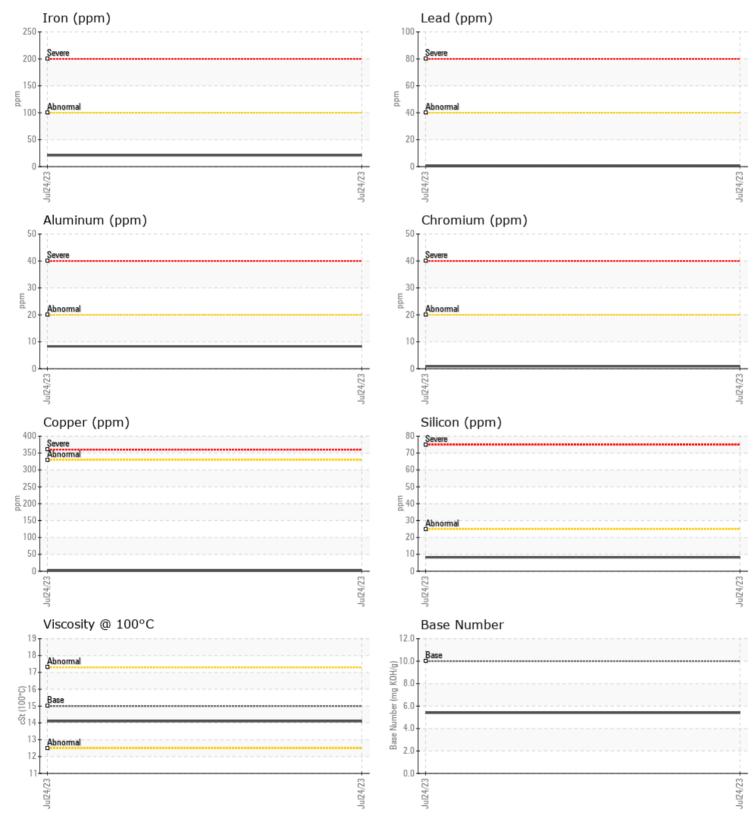
Contact/Location: TONY PAYAN - VOLVO8770

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05910712 (Generated: 07/31/2023 14:41:00) Rev: 1

Contact/Location: TONY PAYAN - VOLVO8770