CONSTRUCTION EQUIPMENT SW-22475-15 SUNROL VOLVO A40F 11398 - FRONT AXLE

 Sample No:
 VCP414478

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SW-22475-15 SUNROL

SAMPLE INFORMATION

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

Sample Number		VCP414478	VCP414476	VCP363164		
Sample Date		31 Aug 2023	31 Aug 2023	27 Sep 2022		
Machine Hours		12017	12017	11674		
Oil Hours		0	0	0		
Oil Changed		Changed	Changed	N/A		
Sample Status		NORMAL	NORMAL	NORMAL		
OIL CON						
		<u>.</u>			<u>.</u>	
Visc @ 40°C	cSt	116	158	106		
VOLVO						
	MINATION					
Silicon	ppm	6	7	12		
Sodium	ppm	13	<1	2		
Potassium	ppm	0	3	0		
Totassium	ppm					
VOLVO						
WEAR I	METALS					
Iron	ppm	102	99	122		
Copper	ppm	 <1	0	2		
Lead	ppm	0	0	0		
Tin	ppm	0	0	0		
Aluminum	ppm	7	2	2		
Chromium	ppm		2	□ <1		
Molybdenum	ppm	1	16	7		
Nickel	ppm	0	0	 <1		
Titanium	ppm	1	0	<1		
Silver	ppm	0	0	<1		
Manganese	ppm	8	9	3		
Vanadium	ppm	0	0	2		

58

■1 ■40

0

191

1035

392

92

276

1036

136

0

ARNOLD MACHINERY COMPANY

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

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. 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.

Depot:	VOLVO8770	
Unique No:	10635548	
Signed:	Wes Davis	
Report Date:	08 Sep 2023	

234

126

1021

158

8

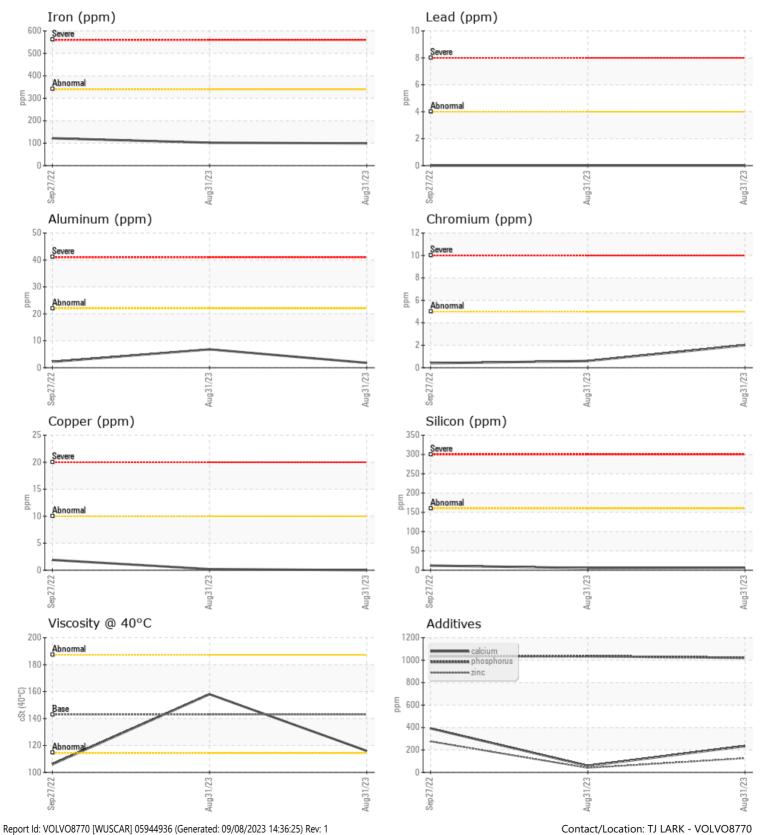
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/ Location. 13 LARK