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

 Sample No:
 VCP414476

 Oil Type:
 GEAR OIL SAE 80W90

 Job No:
 SW-22475-15 SUNROL

VOLVO

## SAMPLE INFORMATION VCP414476 Sample Number VCP363164 Sample Date 31 Aug 2023 27 Sep 2022 Machine Hours 12017 11674 Oil Hours 0 0 Oil Changed Changed N/A NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 40°C cSt 158 106 CONTAMINATION Silicon ppm 7 12 Sodium **||** <1 2 ppm Potassium 3 0 ppm

Copper         ppm         0         2             Lead         ppm         0         0             Tin         ppm         0         0             Aluminum         ppm         2             Aluminum         ppm         2             Molybdenum         ppm         16         7             Nickel         ppm         0         <1             Titanium         ppm         0         <1             Silver         ppm         0         <1             Manganese         ppm         0         2	Iron	ppm	99	122	 
Tin         ppm         0             Aluminum         ppm         2         2             Chromium         ppm         2         <1	Copper	ppm	0	2	 
Aluminum       ppm       2           Chromium       ppm       2       <1	Lead	ppm	0	0	 
Chromium         ppm         2         <1             Molybdenum         ppm         16         7             Nickel         ppm         0         <1	Tin	ppm	0	0	 
Molybdenum         ppm         16         7             Nickel         ppm         0         <1             Titanium         ppm         0         <1             Silver         ppm         0         <1             Manganese         ppm         9         3	Aluminum	ppm	2	2	 
Nickel         ppm         0         <1             Titanium         ppm         0         <1	Chromium	ppm	2	<b></b> <1	 
Titanium         ppm         0         <1             Silver         ppm         0         <1             Manganese         ppm         9         3	Molybdenum	ppm	<b>16</b>	7	 
Silver         ppm         0         <1             Manganese         ppm         9         3	Nickel	ppm	0	<b></b> < 1	 
Manganese ppm <b>9</b> 3	Titanium	ppm	0	<1	 
	Silver	ppm	0	<1	 
Vanadium ppm <b>0</b> 2	Manganese	ppm	9	3	 
	Vanadium	ppm	0	2	 

ADDITIVES Calcium 392 ppm 58 92 Magnesium 1 ppm 40 276 Zinc ppm 1036 1035 Phosphorus ppm Barium 0 0 ppm Boron ppm **191** 136



## 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

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:
 10635544

 Signed:
 Wes Davis

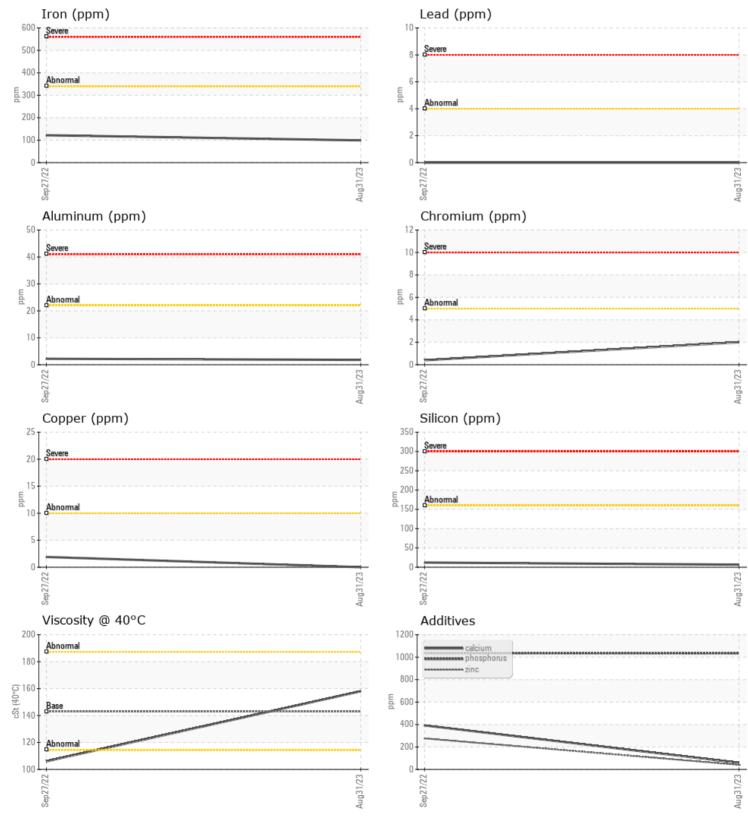
 Report Date:
 08 Sep 2023

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO8770 [WUSCAR] 05944932 (Generated: 09/08/2023 14:36:33) Rev: 1

Contact/Location: TJ LARK - VOLVO8770