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	 <1	
Titanium ppm 0 <1 Silver ppm 0 <1 Manganese ppm 9 3	Molybdenum	ppm	16	7	
Silver ppm 0 <1 Manganese ppm 9 3	Nickel	ppm	0	 < 1	
Manganese ppm 9 3	Titanium	ppm	0	<1	
	Silver	ppm	0	<1	
Vanadium ppm 0 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

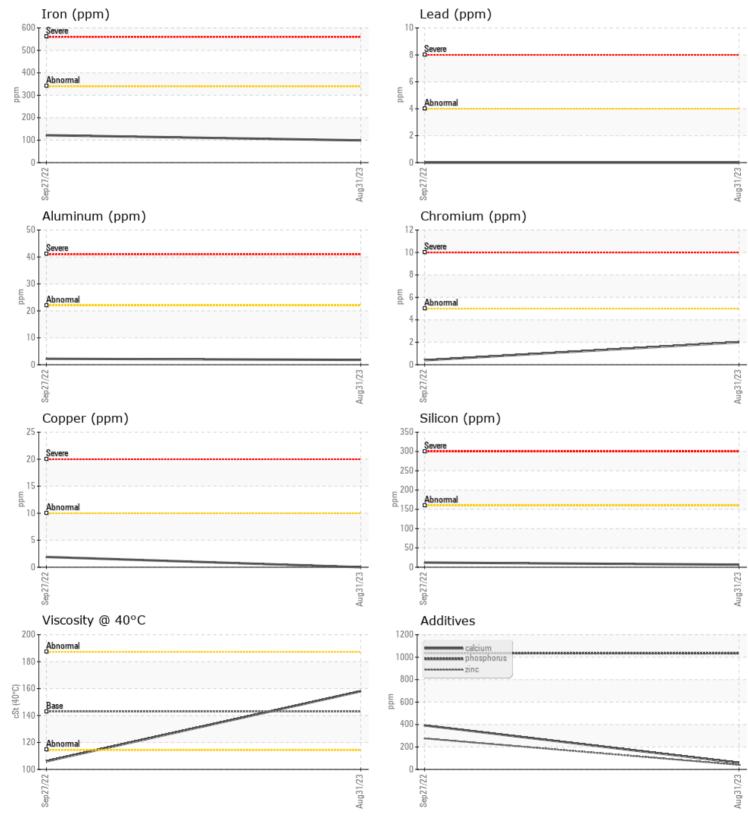
 Report Date:
 08 Sep 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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

Contact/Location: TJ LARK - VOLVO8770