

CONSTRUCTION EQUIPMENT
SW-22475-15 SUNROC VOLVO A40F 11398 - HYDRAULIC SYSTE

Sample No: VCP414372 Oil Type: **NOT GIVEN** 

Job No: SW-22475-15 SUNROC

Sample Date   31 Aug 2023					
Sample Number   Sample Date   31 Aug 2023	VOLVO	INCORMATION			
Sample Date   31 Aug 2023		INFURMATION			
Machine Hours 0	Sample Number		VCP414372	 	
Dil Changed	Sample Date		31 Aug 2023	 	
Changed   Chan	Machine Hours		12017	 	
Sample Status	Oil Hours		0	 	
OIL CONDITION  Visc @ 40°C	Oil Changed		Changed	 	
OIL CONDITION  Visc @ 40°C	Sample Status		NORMAL	 	
OIL CONDITION  Visc @ 40°C					
Visc @ 40°C	VOI CUNI	NITION			
CONTAMINATION  Particles > 4µm	_				
CONTAMINATION   Particles > 4µm   3526             Particles > 6µm   232           Particles > 14µm   10           Sidicon   ppm   11           Sidicon   ppm   3           Potassium   ppm   3           Potassium   ppm   6           Lead   ppm   3           Lead   ppm   3           Aluminum   ppm   0         Aluminum   ppm   0         Nickel   ppm   0         Sidiver   ppm   0         Outper   13         Outper   14         Outper   15         Outper   15       Outper   15       Outper   15       Outper   15       Outpe				 	
CONTAMINATION   232	Acid Number (AN	) mg KOH/g	■ 0.49	 	
CONTAMINATION   232	VOLVO				
Particles >4µm 3526 Particles >6µm 232 Particles >14µm 10 SO 4406:1999 (c) 19/15/10 SO 50 4406:1999 (c) 19/15/10	CONTAM	INATION			
Particles >6 µm	_		3526	 	
Particles > 14µm	•			 	
SO 4406:1999 (c)   19/15/10	•				
Solicon ppm				 	
Sodium	` ,				
VICTOR   Popm					
WEAR METALS  Iron					
WEAR METALS	i otassium	ррш			
Copper	VOLVO				
Copper	WEAR M	IETALS			
Tin	Iron	ppm	<b>6</b>	 	
Tin ppm 0	Copper	ppm	<b>6</b>	 	
Aluminum ppm 2	Lead	ppm	<b>■3</b>	 	
Chromium ppm 0	Tin	ppm	<b>■</b> 0	 	
Molybdenum ppm 0	Aluminum	ppm	<b>2</b>	 	
Nickel	Chromium	ppm	■0	 	
Titanium ppm 0 Silver ppm 0 Silver ppm 0	Molybdenum	ppm	0	 	
Silver ppm 0	Nickel	ppm	■0	 	
Manganese ppm 0	Titanium	ppm	0	 	
ADDITIVES           Calcium         ppm         584              Magnesium         ppm         13              Zinc         ppm         541	Silver	ppm	0	 	
ADDITIVES           Calcium         ppm         584              Magnesium         ppm         13              Zinc         ppm         541	Manganese		0	 	
ADDITIVES           Calcium         ppm         584              Magnesium         ppm         13              Zinc         ppm         541	Vanadium		0	 	
ADDITIVES           Calcium         ppm         584              Magnesium         ppm         13              Zinc         ppm         541		•			
Calcium         ppm         584              Magnesium         ppm         13              Zinc         ppm         541	ADDITIV	IEC .		 	
Magnesium         ppm         13              Zinc         ppm         541	_				
Zinc ppm <b>541</b>		ppm		 	
Tr -	Magnesium	ppm		 	
Phosphorus ppm 446	Zinc			 	
	Phosphorus	ppm	446	 	



## ARNOLD MACHINERY COMPANY

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# Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8770 **Unique No:** 10635129 Signed: Wes Davis Report Date: 08 Sep 2023

7

ppm

ppm

Barium

Boron



# **CONSTRUCTION EQUIPMENT**





### GRAPH

