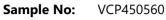


CONSTRUCTION EQUIPMENT VOLVO A40G VOLVO A40G (S/N NOT GIVEN) - HYDRAULIC SYSTEM



Oil Type: AW HYDRAULIC OIL ISO 32

Job No:

	NFORMATION				
Sample Number		VCP450560			
Sample Date		28 May 2024			
Machine Hours		0			
Dil Hours		200			
Dil Changed		Not Changd			
Sample Status		ABNORMAL			
OIL CONDI					
	-	. 40.02	<u>-</u>	-	
/isc @ 40°C	cSt	40.02			
Acid Number (AN)	mg KOH/g	0.44			
VOLVO					
🤍 Contamii	NATION				
Water	%	NEG			
Particles >4µm		10200			
Particles >6µm		4089			
Particles >14µm		688			
SO 4406:1999 (c)		21/19/17			
Silicon	ppm	<u> </u>			
Sodium	ppm	2			
Potassium	ppm	2			
WEAR ME					
		- 11			
ron	ppm	1 1			
Copper Lead	ppm	7			
lead Fin	ppm	3			
Aluminum	ppm	□ <1 □ 2			
Chromium	ppm	■2 ■ <1			
Volybdenum	ppm				
Nickel	ppm	0			
Titanium	ppm	<1			
Silver	ppm	<1			
Manganese	ppm	<1 ■<1			
/anadium	ppm	<1			
	ppm				
VOLVO	_				
ADDITIVE	2				
Calcium	ppm	201			
Magnesium	ppm	3			
Zinc	ppm	465			
hosphorus	ppm	366			
	ppm	0			
Barium	ppin				
Barium Boron	ppm	2			



NORTHERN IMPROVEMENT COMPANY

4000 12 AVENUE N.W. FARGO, ND US 58108 Contact: SERVICE MANAGER

T: (701)277-1173 F: (701)277-1139

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

 Depot:
 NORFAR

 Unique No:
 11056041

 Signed:
 Jonathan Hester

 Report Date:
 03 Jun 2024

 Contact/Location: SERVICE
 MANAGER - NORFAR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

