**CONSTRUCTION EQUIPMENT** X59096 WO LANDFILL VOLVO A25D 15825 - HYDRAULIC SYSTEM

VCP426483 Sample No: **Oil Type:** {unknown} Job No: X59096 WO LANDFILL

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Molybdenum

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

2

<1

0

<1

<1

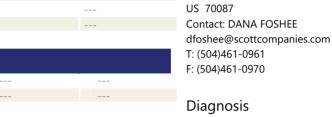
0

0

0

VOLVO

SAMPLE IN	NFORMATION			
Sample Number	-	VCP426483	 	
Sample Date		09 Jan 2024	 	
Machine Hours		11952	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 40°C	cSt	<b>46.8</b>	 	
Acid Number (AN)	mg KOH/g	0.48	 	
CONTAMIN	NATION			
Water	%	<b>0.349</b>	 	
Particles >4µm		1079	 	
Particles >6µm		588	 	
Particles >14µm		<b>100</b>	 	
ISO 4406:1999 (c)		17/16/14	 	
Silicon	ppm	∎1	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>1</b>	 	
WEAR ME	TALS			
Iron	ppm	<b>■</b> <1	 	
Copper	ppm	<b>■</b> <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
		_		



We advise that you check for the source of water entry. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Resample at the next service interval to monitor.All component wear rates are normal. Appearance is unacceptable There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SCOTT EQUIPMENT COMPANY LLC - Saint Rose

PO BOX 997 SAINT ROSE, LA

ADDITIVES									
Calcium	ppm	69							
Magnesium	ppm	6							
Zinc	ppm	455							
Phosphorus	ppm	382							
Barium	ppm	0							
Boron	ppm	0							

Depot: SCOSAI Unique No: 10830099 Signed: Jonathan Hester **Report Date:** 16 Jan 2024

Contact/Location: DANA FOSHEE - SCOSAI

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

## Ferrous Alloys Particle Count 10 <del>-</del> 491,520 -26 iron 9 chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß ppm E, 30,720 -22 15,360 -21 2 7,680 20 3,840 -19 0 1,920 -18 🛛 nber of particles (per 1 ml) Jan9/24 Jan9/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 16 480 10 15 copper 240 q m lead -14 6 tin 120 8 -13 60 ß 30 12 mdo Ę 15 11 2 10 8 emal 2 8 Ω Jan9/24 Jan9/24 0, 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.50 Abnormal 0.45 50 0.40 48 (10°05) tS2 44 0.25 Numper 0.20 -Pi V 0.15 42 0.10 40. Abnormal 0.05 0.00 38 Jan 9/24 -Jan 9/24 Jan 9/24 Jan9/24

Report Id: SCOSAI [WUSCAR] 06058717 (Generated: 01/16/2024 14:44:22) Rev: 1

Contact/Location: DANA FOSHEE - SCOSAI