## ASCENDUM

## **OIL ANALYSIS REPORT**

Sample Rating Trend





DIAGNOSIS

Contamination

Fluid Condition

in service.

Wear

fluid

Recommendation

Machine Id VOLVO L350H 1302 (S/N 1218)

Transmission (Manual)

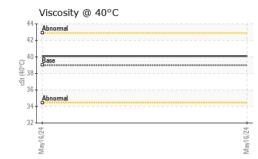
Fluid VOLVO SUPER TRANSMISSION OIL SAE 10W (--- GAL)

## SAMPLE INFORMATION method ASC0004802 Sample Number **Client Info** Resample at the next service interval to monitor. Sample Date Client Info 16 May 2024 Machine Age hrs Client Info 541 Oil Age hrs Client Info 541 All component wear rates are normal. Oil Changed Not Changd **Client Info** Sample Status NORMAL There is no indication of any contamination in the CONTAMINATION >0.1 NEG Water WC Method The condition of the fluid is acceptable for the time WEAR METALS ASTM D5185m >200 21 Iron ppm Chromium ASTM D5185m >5 ppm <1 0 Nickel ppm ASTM D5185m >5 Titanium ASTM D5185m ppm <1 Silver ASTM D5185m >7 n ppm Aluminum ppm ASTM D5185m >25 2 ASTM D5185m >45 3 Lead ppm >225 78 Copper ppm ASTM D5185m Tin ASTM D5185m >10 1 ppm Vanadium ppm ASTM D5185m <1 Cadmium ppm ASTM D5185m <1 2 Boron ASTM D5185m 4.1 ppm Barium ppm ASTM D5185m 0.0 3 Molvbdenum ASTM D5185m 0.5 <1 ppm ASTM D5185m 0.0 1 Manganese ppm 9 Magnesium ASTM D5185m 14 ppm Calcium ASTM D5185m 3010 3042 ppm Phosphorus ASTM D5185m 1104 1022 ppm Zinc ppm ASTM D5185m 1375 1220 Sulfur ASTM D5185m 5607 5225 ppm Silicon ppm ASTM D5185m >125 46 Sodium ASTM D5185m 4 ppm Potassium ASTM D5185m >20 2 ppm VISUAL White Metal scalar \*Visual NONE NONE Yellow Metal \*Visual NONE NONE scalar \*Visual NONE NONE Precipitate scalar Silt scalar \*Visual NONE NONE Debris \*Visual NONE NONE scalar Sand/Dirt scalar \*Visual NONE NONE \*Visual NORML NORML Appearance scalar NORML NORML Odor scalar \*Visual **Emulsified Water** NEG scalar \*Visual >0.1 ---scalar \*Visual Free Water NEG

Submitted By: AMANDA KARI



## **OIL ANALYSIS REPORT**



FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	39.0	40.1		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
20110111						
GRAPHS			L			
Ferrous Alloys						
iron						
18 - nickel						
4						
2-						
8						
4						
24 0			24			
May16/24			May16/24			
Non-ferrous Meta	ls		—			
copper						
io -						
50 -						
0						
20						
10 -						
0			4			
May16/24			May16/24			
Z Viscosity @ 40°C			2			
Abnormal			0000			
2						
0 -						
9 - Base						
37-						
36 - 35 - Abnormal						
34						
May16/24 +			May16/24 +			
May			May			
ASC0004802	Receiv	eceived : 30 May 2024			ASCENDUM MACHINERY INC - SAVANNA 54 MEDLINE DR	
0 <mark>6195845</mark> 1057968	Testec Diagno		2 Jun 2024 Jun 2024 - Don	Baldridge	RICHM	OND HILL, G. US 3132
CONST					Contact:	



To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (912)964-9515

Laboratory

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