

## CONSTRUCTION EQUIPMENT VOLVO 625766 - HYDRAULIC SYSTEM



Sample No:VCP0008724Oil Type:{unknown}

#### Job No:

	NFORMATION				
Sample Number		VCP0008724	VCP0008726		
Sample Date		16 Jul 2024	21 Jun 2024		
Machine Hours		0	0		
Oil Hours		0	0		
Oil Changed		N/A	N/A		
Sample Status		ABNORMAL	ABNORMAL		
VIL CONDI		÷	<u>_</u>		
Visc @ 40°C	cSt	42.6	46.4		
Acid Number (AN)	mg KOH/g	0.37	0.39		
CONTAMI	NATION				
Water	%	NEG	NEG		
Particles >4µm	70	▲ 13177	▲ 28137		
Particles >6µm		▲ 13177 ▲ 4772	▲ 7561		
Particles >14µm		▲ 4172 ▲ 419	▲ 411		
ISO 4406:1999 (c) Silicon	0000	21/19/16	22/20/16		
Silicon Sodium	ppm		3		
	ppm	3	2		
Potassium	ppm	0	0		
VOLVO					
WEAR ME	TALS				
WEAR ME		6	6		
Iron	ppm	<b>□</b> 6 <b>□</b> 2	<b>□</b> 6 <b>□</b> 2		
Iron Copper	ppm ppm	2	2		
Iron Copper Lead	ppm ppm ppm	<b>⊇</b> <b>⊇</b> <1	□ 2 □ <1		
Iron Copper Lead Tin	ppm ppm ppm ppm	□ 2 □ <1 □ 0	2 <1 0		
Iron Copper Lead Tin Aluminum	ppm ppm ppm ppm ppm	2 <1 0 <1	2 <pre> 2 3 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</pre>		
Iron Copper Lead Tin Aluminum Chromium	ppm ppm ppm ppm ppm	2 <1 0 <1 <1 2	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	  	  
Iron Copper Lead Tin Aluminum	ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	  	    
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	   	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0	2 <pre> </pre> 2    2    2    2    2    3   3   4   0   0	     	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0	2 <pre> </pre> 2    3    3    4   1   0   0   0   0   0   0	     	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese	ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0 0 0 0	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0	<ul> <li></li> <li><td></td></li></ul>	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0	2 <pre> </pre> 2    3    3    4   1   0   0   0   0   0   0	<ul> <li></li> <li><td>Image: Section of the sectio</td></li></ul>	Image: Section of the sectio
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0 0 0 0	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0	<ul> <li></li> <li><td></td></li></ul>	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0 0 0 0	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0	<ul> <li></li> <li><td></td></li></ul>	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0 0 0 0	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0	<ul> <li></li> <li><td></td></li></ul>	
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <1 0 <1 2 0 0 0 0 0 0 0 0 0	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0		
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIVE Calcium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <pre>&lt;1 0 <pre></pre> <pre></pre></pre>	2 (1 0 (1 2 (1 2 (1 0 0 0 0 0 0 0 0 0 0 0 0 0		
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIVE Calcium Magnesium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <pre>&lt;1 0 <pre></pre> <pre></pre></pre>	2 (1) (1) (2) (1) (2) (1) (0) (0) (0) (0) (0) (0) (0) (0		Image: select
WEAR ME Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	2 <pre> </pre> <pre>   <pre>    <pre>    <pre>   <pre>    <pre>   <pre>    <pre>   <pre>    <pre>   <pre>    <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>  <pre>   <pre>   <pre>   <pre>   <pre>   <pre>  <pre>   <pre>   <pre>   <pre>   <pre>  <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>    <pre>   <pre>  <!--</td--><td>2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5</td><td></td><td></td></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	2 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5		

#### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY JACKSONVILLE, FL US 32256 Contact: TECHNICIAN ACCOUNT catherine.anastasio@wearcheck.com T: F: (904)737-1260

### Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

 Depot:
 VOLVO0092

 Unique No:
 11130438

 Signed:
 Wes Davis

 Report Date:
 22 Jul 2024

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO

#### Ferrous Alloys A Particle Count 10 <del>-</del> 491.520--26 iron 9 n chromium 245,760 -25 nickel 8 122,880 -24 61,440 -23 ß ppm E, 30,720 -22 15,360 -21 3 7,680 20 3,840 -19 Ω 1,920 18 🛛 Jul16/24 nber of particles (per 1 ml) Jun21/24 4406:1999 Cleanlines: 960 17 Non-ferrous Metals 480 16 10 15 copper 240 9 m lead 14 tin 120 8 -13 60 ß 30 12 mdo Ę 15 -11 3 10 8 4 2 8 Ω Jul16/24 24 Jun21 21µ 38µ 14µ Viscosity @ 40°C Acid Number 52 0.40 Abnormal 50 0.35 0.30 48 (B/HO) HO 0.25 (0°0) tso 44 y 0.23 bu) 10.20 Ng 0.15 0.15 Acid 42 0.10 40. Abnormal 0.05 38 0.00-Jul16/24. Jul16/24 Jun21/24 lun21/24

Report Id: VOLVO0092 [WUSCAR] 06241604 (Generated: 07/22/2024 07:52:03) Rev: 1

Submitted By: TECHNICIAN ACCOUNT Page 2 of 2