CONSTRUCTION EQUIPMENT 53897 VOLVO G940 42422 - TRANSMISSION (AUTO)



Sample No:	VCP453989			
Oil Type:	{unknown}			
Job No:	53897			

ZOT X/O

SAMPLE INFORMATION Sample Number VCP453989 Sample Date 16 Jul 2024 Machine Hours 8792 Oil Hours 0 Oil Changed Not Changd Sample Status NORMAL Vorce OIL CONDITION Vorce CONTAMINATION Vater % NEG Sodium ppm 0 Vorce Wear METALS For ppm 0 Keal ppm					
Sample Date 16 Jul 2024 Machine Hours 8792 Oil Hours 0 Oil Changed Not Changd Sample Status NORMAL Vor C CSt 25.1 Sodium ppm 3 Sodium ppm 0 Sodium ppm 71 Iron	SAMPLE	INFORMATIO	N		
Sample Date 16 Jul 2024 Machine Hours 8792 Oil Hours 0 Oil Hours Not Changd Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 25.1 Visc @ 40°C CSt 25.1 Solicon ppm 3 Solicon ppm 3 Solicon ppm 0 Voccov WEAR METALS Iron ppm 9 Copper ppm 0 Iron	Sample Number		VCP453989	 	
Machine Hours 8792 Dil Hours 0 Dil Changed Not Changd Sample Status Not RMAL OIL CONDITION Use @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Water % NEG Solition ppm 32 Solition ppm 71 Copper ppm 0 Malumium pp			16 Jul 2024	 	
Dil Changed Not Changd Sample Status NORMAL OIL CONDITION Visc @ 40°C cSt 25.1 Vater % NEG Vater % NEG Soliticon ppm 3 Soliticon ppm 2 Vetas METALS Vetas METALS ron ppm 0 copper ppm 0 Aluminum ppm 0 Kickel ppm 0 <td< td=""><td></td><td></td><td></td><td> </td><td></td></td<>				 	
Sample Status NORMAL Visc @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Water % NEG Solition ppm 3 Solition ppm 0 Votation ppm 0 Lead ppm 0 Aluminum ppm 0 Kickel ppm 0 <td< td=""><td>Oil Hours</td><td></td><td>0</td><td> </td><td></td></td<>	Oil Hours		0	 	
Sample Status NORMAL Visc @ 40°C cSt 25.1 Visc @ 40°C cSt 25.1 Water % NEG Solition ppm 3 Solition ppm 0 Votation ppm 0 Lead ppm 0 Aluminum ppm 0 Kickel ppm 0 <td< td=""><td>Oil Changed</td><td></td><td>Not Changd</td><td> </td><td></td></td<>	Oil Changed		Not Changd	 	
Visc @ 40°C cSt 25.1 CONTAMINATION Visc @ 40°C cSt 25.1 Vater % NEG Solicon ppm 3 Solicon ppm 2 Potassium ppm 0 Visc @ 40°C cSt 2 Solicon ppm 3 Solicon ppm 0 Cooper ppm 9 Copper ppm 0 Chromium ppm 0 V	-		_	 	
OIL CONDITION Vise @ 40°C cSt 25.1 CONTAMINATION E Water % NEG Solicon ppm 3 Solicon ppm 2 Potassium ppm 0 WEAR METALS E E E Iron ppm 71 Copper ppm 0 Lead ppm 0 Aluminum ppm <1 Nickel ppm 0					
CONTAMINATION Water % NEG Solicon ppm 3 Solicon ppm 2 Solicon ppm 0 Potassium ppm 0 WEAR METALS Vertable Vertable Solitom ppm 0 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Silver ppm 0 Silver ppm 0 Vanadium ppm 0	OIL CON	DITION			
CONTAMINATION Water % NEG Solicon ppm 3 Solicon ppm 2 Potassium ppm 0 WEAR METALS VEAR METALS Iron ppm 71 Copper ppm 9 Lead ppm 0 Aluminum ppm <1	√isc @ 40°C	cSt	25.1	 	
Water % NEG Solium ppm 3 Solium ppm 2 Potassium ppm 0 WEAR METALS Veran Pro- Veran ppm 71 Copper ppm 9 Lead ppm 0 Aluminum ppm <1 Aluminum ppm <1 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 73 <td>VOLVO</td> <td></td> <td></td> <td></td> <td></td>	VOLVO				
Silicon ppm 3 Sodium ppm 2 Potassium ppm 0 Potassium ppm 0 WEAR METALS ron ppm 71 copper ppm 9 ead ppm 0 Aluminum ppm <1	V CONTAM	IINATION			
Sodium ppm 2 Potassium ppm 0 WEAR METALS ron ppm 71 copper ppm 9 ead ppm 0 Aluminum ppm <1	Water	%	NEG	 	
ppm 0 WEAR METALS copper ppm 71 Copper ppm 9 cad ppm 0 Tin ppm 0 Aluminum ppm <1 Chromium ppm <1 Molybdenum ppm 0 Wickel ppm 0 Silver ppm 0 Vanadium ppm 0 Audium ppm 73 Magnesium ppm 8	Silicon	ppm	3	 	
WEAR METALS Copper ppm 9 Copper ppm 0 Lead ppm 0 Aluminum ppm <1	Sodium	ppm	2	 	
WEAR METALS ron ppm 71 Copper ppm 9 Lead ppm 0 Lead ppm 0 Aluminum ppm <1	Potassium	ppm	0	 	
WEAR METALS Iron ppm 71 Copper ppm 9 Lead ppm 0 Tin ppm 0 Aluminum ppm <1					
Copper pm 9 Lead ppm 0 Tin ppm 0 Aluminum ppm <1	WEAR M	IETALS			
Lead ppm 0 Tin ppm 0 Aluminum ppm <1	Iron	ppm	71	 	
Tin ppm 0 Aluminum ppm <1	Copper	ppm	9	 	
Aluminum ppm <1	_ead	ppm	0	 	
Chromium ppm <1	Tin	ppm	0	 	
Molybdenum ppm <1 Nickel ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 1 Vanadium ppm 0 ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	Aluminum	ppm	 <1	 	
Nickel ppm 0 Fitanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 AndDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	Chromium	ppm	 <1	 	
Titanium ppm 0 Silver ppm 0 Manganese ppm 1 Vanadium ppm 0 ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18		ppm	<1	 	
Silver ppm 0 Manganese ppm 1 /anadium ppm 0 Additives Additives Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	Nickel	ppm	0	 	
Manganese ppm 1 Vanadium ppm 0 ADDITIVES ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	Fitanium	ppm	0	 	
Vanadium ppm 0 ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18		ppm	0	 	
ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	-	ppm		 	
ADDITIVES Calcium ppm 73 Magnesium ppm 8 Zinc ppm 18	Vanadium	ppm	0	 	
ADDITIVES France Fran				 	
Magnesium ppm 8 Zinc ppm 18	ADDITIV	ES			
Zinc ppm 18	Calcium	ppm	73	 	
Zinc ppm 18	Magnesium	ppm	8	 	
Phosphorus ppm 153	Zinc		18	 	
	Phosphorus	ppm	153	 	



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: KEVIN ROBINSON KEVIN.ROBINSON@VCESVOLVO.COM T: (951)258-3730 F: (951)277-4550

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The wear metal levels do not reflect the reported issue. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

 Depot:
 VOLVO4486

 Unique No:
 11128343

 Signed:
 Jonathan Hester

 Report Date:
 19 Jul 2024

0

78

ppm

ppm

Barium

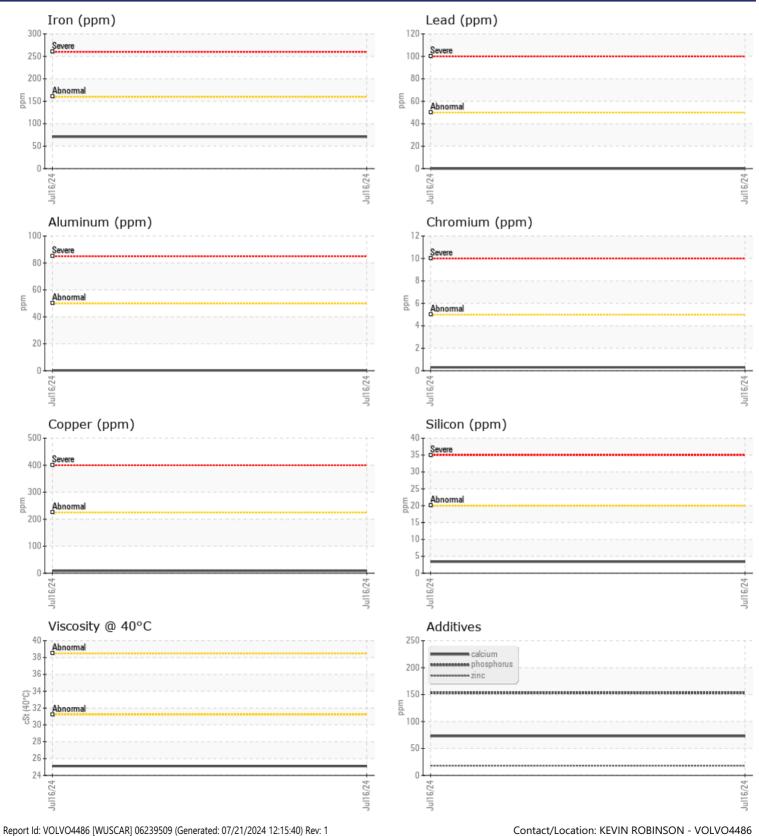
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Page 2 of 2