

CONSTRUCTION EQUIPMENT VOLVO A40G 353787 - DROP BOX



Sample No: VCP441517

Oil Type: GEAR OIL SAE 85W140

Job No:

Boron

Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm <1 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1					
Sample Number VCP441517 Sample Date 09 Feb 2024 Machine Hours 5200 Oil Hours 0 Oil Changed Not Changd Sample Status NORMAL Visc @ 40°C CSt 323 Solison ppm 0 Solison ppm 0		E INFORMATIO	N		
Sample Date 09 Feb 2024 Machine Hours 5200 Oil Hours 0 Sample Status Not Changd Sample Status NORMAL Vice @ 40°C cSt 323 Sodium ppm 0 Sodium ppm 0 Cottomum ppm 0 Icon ppm 0				 	
Machine Hours 5200 Oil Hours 0 Sample Status NoRMAL Nort Changd Sample Status NORMAL Visc @ 40°C CSt 323 Visc @ 40°C CSt NEG Visc @ 40°C CSt NEG Silicon ppm 0 Sodium ppm 0 Visc METALS Ion ppm 0			09 Feb 2024	 	
Not Changd Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 323 Visc @ 40°C CSt NEG Sodium ppm 4 Sodium ppm 0 Potassium ppm 0 Icad ppm 0 Icad ppm 0 Nickel			5200	 	
Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 323 Vater % NEG Solition ppm 0 Solition ppm 0 Potassium ppm 0 Verant METALS Verant METALS Verant METALS Verant METALS Verant METALS Verant METALS Iron ppm 0 Copper ppm 0 Iron ppm 0 Aluminum ppm 0	Oil Hours		0	 	
Sample Status NORMAL OIL CONDITION Visc @ 40°C CSt 323 Vater % NEG Solition ppm 0 Solition ppm 0 Potassium ppm 0 Verant METALS Verant METALS Verant METALS Verant METALS Verant METALS Verant METALS Iron ppm 0 Copper ppm 0 Iron ppm 0 Aluminum ppm 0	Oil Changed		Not Changd	 	
Visc @ 40°C cSt 323 Visc @ 40°C cSt set Water % NEG Sodium ppm 0 Potassium ppm 0 Copper ppm 0 Lead ppm 0 Aluminum pm 0 Molybdenum ppm 0 <td>-</td> <td></td> <td></td> <td> </td> <td></td>	-			 	
OIL CONDITION Visc @ 40°C cSt 323 CUTAMINATION NEG Water % NEG Solium ppm 0 Solium ppm 0 Vocco WEAR METALS Visc @ ppm 0 Visc @ ppm 0 Solium ppm 0 Visce ppm 0 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm					
Visc@ 40°C cSt 323 Visc@ 40°C cSt 323 CONTAMINATION Water % NEG Silicon ppm 0 Sodium ppm 0 Potassium ppm 0 Visco WEAR METALS Visco ppm 0 Iron ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Silver ppm 0	OIL CON	DITION			
Vater % NEG Silicon ppm 4 Sodium ppm 0 Potassium ppm 0 Vetar % NEG Potassium ppm 0 Vetar PEA Vetar PEA Vetar Ppm 0 Vetar Ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Silver ppm 0 M			323	 	
CONTAMINATION Water % NEG Silicon ppm 4 Sodium ppm 0 Potassium ppm 0 Veran VERN Veran Potassium ppm 0 Veran ppm 0 Veran ppm 0 Veran ppm 0 Veran ppm 0 Lead ppm 0 Aluminum ppm 0					
Water % NEG Silicon ppm 0 Sodium ppm 0 Potassium ppm 0 Potassium ppm 0 Verance Verance Verance Verance ppm 0 Lead ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0	VOLVO				
Silicon ppm 4 Sodium ppm 0 Potassium ppm 0 WEAR METALS View Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Kickel ppm 0 Nickel ppm 0 Nickel ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 17 Magnesium ppm 17 Phosphorus		MINATION			
Sodium ppm 0 Potassium ppm 0 WEAR METALS Iron ppm 26 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 17 </td <td></td> <td>%</td> <td></td> <td> </td> <td></td>		%		 	
Potassium ppm 0 WEAR METALS Iron ppm 26 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 0 Kickel ppm 0 Nickel ppm 0 Vanadium <		ppm	4	 	
WEAR METALS Iron ppm 26 Copper ppm 0 Lead ppm 0 Tin ppm 0 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 170 Calcium ppm 170 Magnesium ppm 170		ppm		 	
WEAR METALS Iron ppm 26 Copper ppm 0 Lead ppm 0 Tin ppm 0 Aluminum ppm 0 Aluminum ppm 0 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm <1	Potassium	ppm	0	 	
WEAR METALS Iron ppm 26 Copper ppm 0 Lead ppm 0 Tin ppm 0 Aluminum ppm 0 Aluminum ppm 0 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm <1					
Copper ppm 0 Lead ppm 0 Tin ppm 0 Aluminum ppm 0 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 170 Magnesium ppm 177 Yangue ppm 84	WEAR N	METALS			
Lead ppm 0 Tin ppm 0 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm Nickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 170 Magnesium ppm 177 Zinc ppm 84 Phosphorus ppm 1136	Iron	ppm	26	 	
Tin ppm 0 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm <1	Copper	ppm	0	 	
Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm <1	Lead	ppm	0	 	
Chromium ppm 0 Molybdenum ppm <1	Tin	ppm	0	 	
Molybdenum ppm <1 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Vanadium ppm 0 Calcium ppm 170 Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136	Aluminum	ppm	0	 	
Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Chromium	ppm	0	 	
Titanium ppm 0 Silver ppm 0 Manganese ppm <1	Molybdenum	ppm	 <1	 	
Silver ppm 0 Manganese ppm <1	Nickel	ppm	0	 	
Manganese ppm <1 Vanadium ppm 0 ADDITIVES Calcium ppm 170 Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136	Titanium	ppm	0	 	
Vanadium ppm 0 ADDITIVES Calcium ppm 170 Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136	Silver	ppm	0	 	
ADDITIVES Ppm 170 Calcium ppm 170 Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136	Manganese	ppm	 <1	 	
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ADDITIVES Calcium ppm 170 Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136					
Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136		VES		 	
Magnesium ppm 17 Zinc ppm 84 Phosphorus ppm 1136	Calcium	ppm	170	 	
Zinc ppm 84 Phosphorus ppm 1136	Magnesium		17	 	
Phosphorus ppm 1136	-		84	 	
	Phosphorus		1136	 	
	Barium	ppm	0	 	



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T: E-

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	RIPTAM			
Unique No:	10996167			
Signed:	Wes Davis			
Report Date:	26 Apr 2024			
Contact/Location: ROBERT TURNER - RIPTAM				

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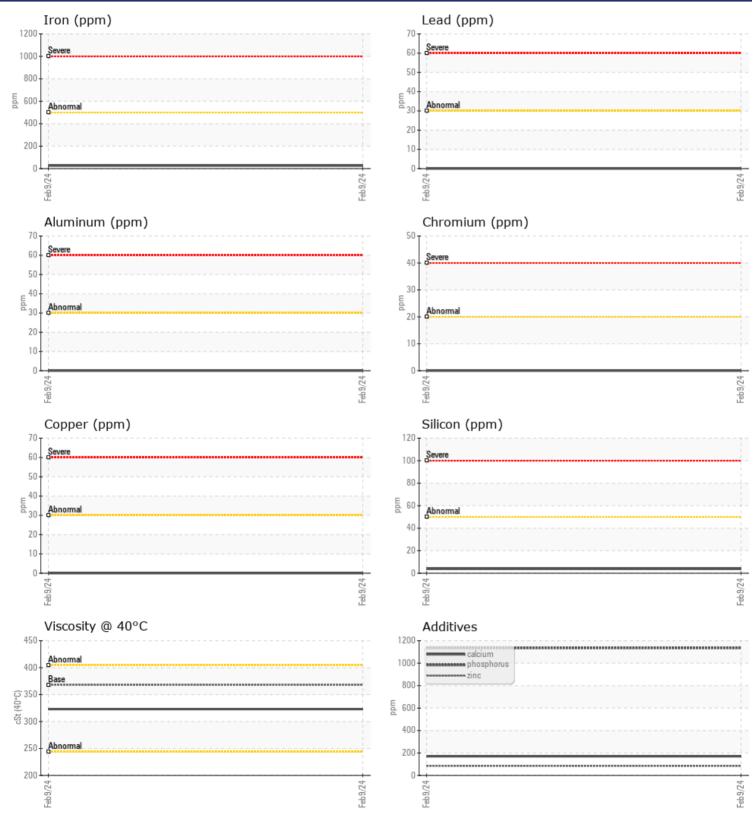
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: ROBERT TURNER - RIPTAM