

CONSTRUCTION EQUIPMENT 42325 VOLVO A30G 752350 - HYDRAULIC SYSTEM



Sample No: VCP447881

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

Job No: 42325

Sample Date 07 Jun 2024					
Sample Number VCP447881	VOLVO	VEODA A TION			
Sample Date 07 Jun 2024		NF ORMATION			
Machine Hours	Sample Number	-	VCP447881	 	
Oil Changed Not Changed	Sample Date		07 Jun 2024	 	
Not Changed Not Changed Sample Status NORMAL Sample Status Sam	Machine Hours		2456	 	
NORMAL -	Oil Hours		0	 	
NORMAL -	Oil Changed		Not Changd	 	
OIL CONDITION Visc @ 40°C			_	 	
OIL CONDITION Visc @ 40°C					
Visc @ 40°C	VOLVO	TION			
CONTAMINATION Water % NEG		TIUN			
Volto Volt			43.8	 	
Valve	Acid Number (AN)	mg KOH/g	0.37	 	
Valve					
Water % NEG	CUNTAMI	MATION			
Particles > 4µm	_	_			
Particles > 6µm		%			
Particles > 14µm	•			 	
SO	Particles >6µm		_	 	
Silicon	•		96	 	
Sodium ppm	ISO 4406:1999 (c)		20/19/14	 	
Potassium	Silicon	ppm	■3	 	
WEAR METALS Iron ppm 8 Copper ppm 6 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 0 Chromium ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Wanganese ppm 0 Vanadium ppm 66 ADDITIVES Zinc ppm 401	Sodium	ppm	■3	 	
Tron	Potassium	ppm	0	 	
Tron					
Tron	MEVD WE	TALC			
Copper	_				
Lead	Iron	ppm		 	
Tin ppm 0 Aluminum ppm 0		ppm	_	 	
Aluminum ppm 0	Lead	ppm		 	
Chromium ppm 0 Nickel ppm 0	Tin	ppm	■0	 	
Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Silver ppm 0		ppm	■ 0	 	
Nickel ppm 0 <td>Chromium</td> <td>ppm</td> <td>■0</td> <td> </td> <td></td>	Chromium	ppm	■0	 	
Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 666 Magnesium ppm -< 1 Zinc ppm 401	Molybdenum	ppm	■0	 	
Silver	Nickel	ppm	■0	 	
Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 66 Magnesium ppm <1	Titanium	ppm	0	 	
Vanadium ppm 0 ADDITIVES Calcium ppm 66 Magnesium ppm <1 Zinc ppm 401	Silver	ppm	0	 	
ADDITIVES Calcium ppm 666 Magnesium ppm <-1 Zinc ppm 401	Manganese	ppm	■ 0	 	
ADDITIVES Calcium ppm 66 Magnesium ppm <1	Vanadium	ppm	0	 	
ADDITIVES Calcium ppm 66 Magnesium ppm <1					
Calcium ppm 66 Magnesium ppm <1 Zinc ppm 401		7			
Magnesium ppm Zinc ppm 401	_	7			
Zinc ppm 401		ppm	_	 	
	Magnesium	ppm	■<1	 	
Phosphorus ppm =318	Zinc	ppm	_	 	
	Phosphorus	ppm	■318	 	



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Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot:VOLVO0013Unique No:11073886Signed:Wes DavisReport Date:13 Jun 2024

0

ppm

ppm

Barium

Boron



CONSTRUCTION EQUIPMENT





GRAPHS

