

CONSTRUCTION EQUIPMENT PUMP 2 - PUMP



Sample No: VCP386778
Oil Type: NOT GIVEN

Job No:

SAMPLE INFORMATION						
Sample Number VCP386778 VCP386945 VCP386944	VOLVO	INFORMATION				
Sample Date 22 Sep 2023 15 Sep 2023 24 Jan 2023 Machine Hours 0 0 0 Oil Hours 0 0 0 Oil Changed N/A N/A N/A N/A Sample Status NORMAL NORMAL A N/A OIL CONDITION Visc @ 40°C CSt 149 147 149 CONTAMINATION Water % A 0.112 Sodium ppm 3 13 13 13 Sodium ppm 0 <1		. INFURMATION				
Machine Hours 0 <						
Oil Hours 0 0 0 Oil Changed N/A N/A N/A N/A Sample Status NORMAL NORMAL ABNORMAL VOLTONITION Visc @ 40°C cSt 149 147 149 CONTAMINATION Water % 0.112 Silicon ppm 3 13 13 13 Sodium ppm 0 <1 0 Volume ppm 0 <1 0 Volume ppm 6 7 9			22 Sep 2023		24 Jan 2023	
N/A	Machine Hours					
Sample Status	Oil Hours			0	-	
Visc @ 40°C CSt			N/A	N/A		
OIL CONDITION Visc @ 40°C CSt 149 149	Sample Status		NORMAL	NORMAL	ABNORMAL	
OIL CONDITION Visc @ 40°C CSt 149 149						
Visc @ 40°C CSt	OIL CON	DITION				
CONTAMINATION Water %			149	■ 147	m 149	
CONTAMINATION Water						
Water % 0.112 Silicon ppm 3 13 13 Sodium ppm 0 Potassium ppm 0	VOLVO					
Silicon	CONTAN	MINATION				
Sodium	Water	%			▲ 0.112	
Potassium	Silicon	ppm	■ 3	1 3	1 3	
Iron	Sodium	ppm	■ 0	< 1	0	
Iron	Potassium	ppm	■0	 <1	0	
Iron						
Iron	VOLVO	AETAL C				
Copper ppm 0 <1 <1 Lead ppm 0 0 0 Tin ppm <1	WEAR	IC I ALS				
Lead ppm 0 0 0 Tin ppm 1 0 0 Aluminum ppm 1 0 0 Chromium ppm 0 <1	Iron	ppm		7	□9	
Tin ppm 1 0 0 Aluminum ppm 1 0 0 Chromium ppm 0 1 0 Molybdenum ppm 0 0 0 Nickel ppm 0 0 0 Titanium ppm 0 0 0 Silver ppm 0 0 0 Manganese ppm 0 0 0 Vanadium ppm 0 0 0 Magnesium ppm 0 <1		ppm	■0	- <1	< 1	
Aluminum ppm 1 0 0 Chromium ppm 0 <1	Lead	ppm	■0	0	0	
Chromium ppm 0 <1 0 Molybdenum ppm 0 <1	Tin	ppm	■<1	0	0	
Molybdenum ppm 0 <1 0 Nickel ppm 0 0 0 Titanium ppm 0 0 0 Silver ppm 0 0 0 Manganese ppm 0 <1 <1 Vanadium ppm 0 0 0 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0	Aluminum	ppm	1	0	_	
Nickel ppm 0 0 0 Titanium ppm 0 0 0 Silver ppm 0 0 0 Manganese ppm 0 0 0 Vanadium ppm 0 0 0 Magnesium ppm 0 <1	Chromium	ppm	■ 0	- <1	□ 0	
Titanium ppm 0 0 0 Silver ppm 0 0 0 Manganese ppm 0 <1 <1 Vanadium ppm 0 0 ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0	Molybdenum	ppm	0	<1	0	
Silver ppm 0 0 0 Manganese ppm 0 <1 <1 Vanadium ppm 0 0 ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 95 82 Barium ppm 0 0 0	Nickel	ppm	0	0	0	
Manganese ppm 0 <1 <1 Vanadium ppm 0 0 0 ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 95 82 Barium ppm 0 0 0	Titanium	ppm	0	0	0	
Vanadium ppm 0 0 0 ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 95 82 Barium ppm 0 0 0	Silver	ppm	0	0	0	
ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0	Manganese	ppm	0	<1	<1	
ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0	Vanadium	ppm	0	0	0	
ADDITIVES Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0						
Calcium ppm 13 3 2 Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0	VOLVO	IEC				
Magnesium ppm 0 <1 0 Zinc ppm 0 2 <1						
Zinc ppm 0 2 <1 Phosphorus ppm 99 95 82 Barium ppm 0 0 0						
Phosphorus ppm 99 95 82 Barium ppm 0 0 0	_				-	
Barium ppm 0 0 0						
THE STATE OF THE S	•					
Boron ppm 0 4 0						
	Boron	ppm	0	4	0	



HOLCIM US
3210 WATLING ST
EAST CHICAGO, IN
US 46312
Contact: LINDA FLORES
LINDA.FLORES@HOLCIM.COM
T:
F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:HOLEASINUnique No:10669059Signed:Wes DavisReport Date:28 Sep 2023



CONSTRUCTION EQUIPMENT





