

CONSTRUCTION EQUIPMENT

SW-33588-2 WASATCH VOLVO L180H 5320 - DIESEL ENGINE

Sample No: VCP454285
Oil Type: {unknown}

Job No: SW-33588-2 WASATCH

VOLVO				
CAMPI F II	NFORMATION			
	MI OMMATION	V4D 45 4005		-
Sample Number		VCP454285	 	
Sample Date		03 Jun 2024	 	
Machine Hours		4853	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	9.3	 	
Base Number (BN)	ma KOH/a	▲ 3.3	 	
Oxidation (PA)	%	82	 	
	, ,	-		
VOLVO				
CONTAMII	NATION			
Water	%	NEG	 	
Soot %	%	■0.1	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	■0.2	 	
Silicon	ppm	■ 4	 	
Sodium	ppm	2	 	
Potassium	ppm	1	 	
	ррш	•		
VOLVO				
WEAR ME	TALS			
Iron	ppm	5	 	
Copper	ppm	6	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	1	 	
Chromium	ppm		 	
Molybdenum	ppm	1 42	 	
Nickel	ppm	1 0	 	
Titanium		5	 	
Silver	ppm		 	
	ppm	<1		
Manganese	ppm		 	
Vanadium	ppm	<1	 	
VOLVO				
ADDITIVE	2			
Calcium		1297	 	
	ppm	61	 	
Magnesium	ppm	1 01		



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Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN level is low. Confirm oil type. The oil viscosity is lower than typical, possibly indicating the addition of lighter grade oil.

Depot: VOLVO8770
Unique No: 11071678
Signed: Jonathan Hester
Report Date: 13 Jun 2024

673

669

0

78

ppm

ppm

ppm

ppm

Zinc

Barium

Boron

Phosphorus



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