

Sample No: VCP435718

Oil Type: VOLVO SUPER HYDRAULIC OIL 46

Job No: SPM646900 HOLCIM

VOLVO				
SAMPLE II	NFORMATION			
Sample Number	-	VCP435718	VCP415061	
Sample Date		20 Dec 2023	19 Oct 2023	
Machine Hours		1630	542	
Oil Hours		0	0	
Oil Changed		Not Changd	Not Changd	
Sample Status		SEVERE	SEVERE	
OIT CONDI.	TION			
				<u> </u>
/isc @ 40°C	cSt	▲ 65.5	6 4.8	
Acid Number (AN)	mg KOH/g	1.26	■1.11	
VOLVO				
CONTAMIN	NATION			
Water	%	□ 0.062	NEG	
Particles >4µm	70	4824	5789	
Particles >6µm		■828	□ 1385	
Particles > 14µm		41	79	
SO 4406:1999 (c)		19/17/13	20/18/13	
Silicon	ppm	□3	20/10/13	
Sodium	ppm	2	4	
Potassium	ppm	0	2	
Otassiani	ррш			
VOLVO				
WEAR ME	TALS			
ron	ppm	2	- <1	
Copper	ppm	4	3	
_ead	ppm	■<1	2	
Гin	ppm	274	280	
Aluminum	ppm	■0	< 1	
Chromium	ppm	■ <1	- <1	
Molybdenum	ppm	■ 0	0	
Nickel	ppm	■0	- <1	
Γitanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	■ <1	<u> </u>	
/anadium	ppm	0	0	
ADDITIVE:	7			
_				
Calcium	ppm	1	3	
Magnesium	ppm	0	1 6	
Zinc	ppm	■36	□ 66	

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ALTA EQUIPMENT CO - ORLAND PARK 5000 INDUSTRIAL HWY

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Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The tin level is severe. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

Depot:VOLVO8885Unique No:10882940Signed:Don BaldridgeReport Date:16 Feb 2024

ppm

ppm

ppm

174

0

0

Phosphorus

Barium

Boron



CONSTRUCTION EQUIPMENT





GRAPHS

