

# CONSTRUCTION EQUIPMENT SWA393236 VOLVO EC380 315097 - SWING DRIVE



Sample No: VCP398235

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5

**Job No:** SWA393236

SAMPI F	INFORMATION				
Sample Number		VCP398235	VCP431339	VCP405508	
Sample Date		25 Oct 2023	27 Sep 2023	13 May 2023	
Machine Hours		1943	1815	1256	
Oil Hours		0	1000	0	
Oil Changed		N/A	Changed	Changed	
Sample Status		NORMAL	SEVERE	NORMAL	
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	<b>229</b>	<b>177</b>	<b>138</b>	
Visc @ 40 C	CSt			<u> </u>	
VOLVO					
CONTAN	INATION				
Silicon	ppm	<b>8</b>	<b>4</b> 2	1	
Sodium	ppm	<b>1</b>	8	<u> </u>	
Potassium	ppm	■0	<b>1</b> 3	<b>1</b> <1	
T Gtd35Id111	PPIII				
VOLVO					
WEAR N	IETALS				
Iron	ppm	■ 335	<b>3156</b>	<b></b>	
Copper	ppm	<b>14</b>	151	□ 0	
Lead	ppm	<b>0</b>	<b>2</b>	<b>0</b>	
Tin	ppm	<b>□</b> 0	<b>-</b> <1	<b></b>	
Aluminum	ppm	<b>■</b> 0	<b>1</b> 0	<b>0</b>	
Chromium	ppm	<b>■</b> 3	<b>3</b> 7	■0	
Molybdenum	ppm	■0	■3	<b>2</b>	
Nickel	ppm	<b>■</b> 0	<b>2</b>	<b></b>	
Titanium	ppm	<1	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	<b>■</b> 4	<b>3</b> 1	□0	
Vanadium	ppm	0	<1	0	
VOLVO	IFC				
ADDITIV	JEZ				
Calcium	ppm	<b>■</b> 94	<b>6</b> 1	■32	
Magnesium	ppm	<b>■</b> 0	<b>6</b>	<b>2</b> 5	
Zinc	ppm	<b>27</b>	<b>124</b>	<b>40</b>	
Phosphorus	ppm	<b>572</b>	<b>711</b>	<b>445</b>	
Barium	ppm	<b>0</b>	<b>1</b> 2	<b>0</b>	
Boron	ppm	■93	<b>-</b> <1	<b>5</b>	
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## **BLAZE CONSTRUCTION** 5640 ST JEAN ST

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### 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.

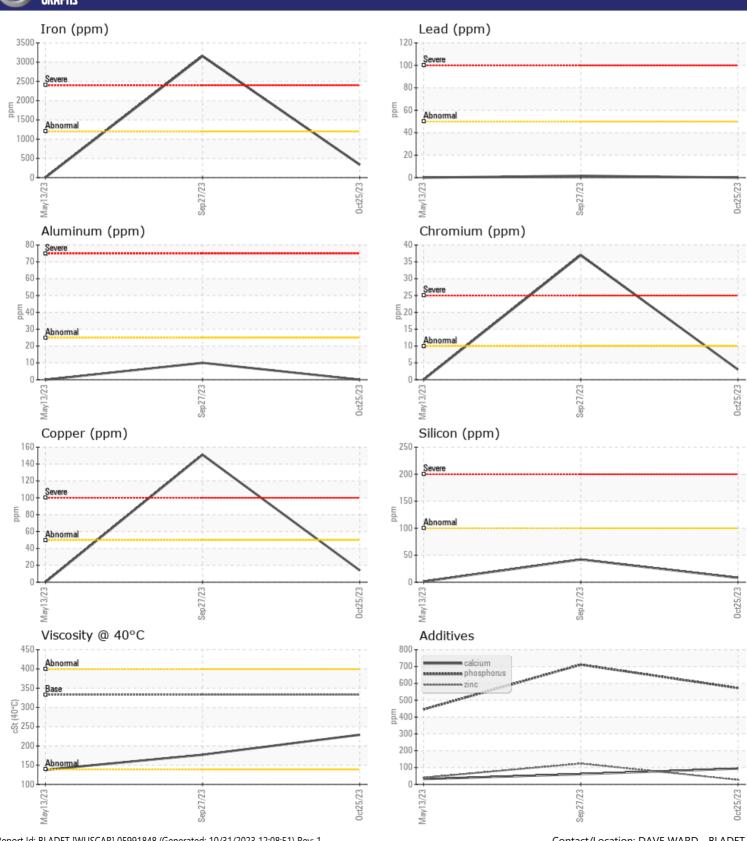
Depot:BLADETUnique No:10714510Signed:Sean FeltonReport Date:31 Oct 2023



## **CONSTRUCTION EQUIPMENT**







Report Id: BLADET [WUSCAR] 05991848 (Generated: 10/31/2023 12:08:51) Rev: 1

Contact/Location: DAVE WARD - BLADET