

# CONSTRUCTION EQUIPMENT 568198 VOLVO A30G 752866 - REAR AXLE



Sample No: VCP422140

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

**Job No:** 568198

ZAMPI F	INFORMATION			
	. IIII OMMATION		VCD 402760	 <u>.</u>
Sample Number		VCP422140	VCP402760	 
Sample Date		05 Jul 2023	13 Feb 2023	 
Machine Hours		1096	526	 
Oil Hours		500	526	 
Oil Changed		Not Changd	Changed	 
Sample Status		NORMAL	NORMAL	 
VOLVO				
OIL CON	DITION			
Visc @ 40°C	cSt	206	■89.3	 
	CSt		05.5	
VOLVO				
CONTAM	MINATION			
Silicon	ppm	<b>2</b>	<b>8</b>	 
Sodium	ppm	<u> </u>	2	 
Potassium	ppm	<u> </u>	<b>1</b> 5	 
	la la con			
VOLVO	ICTAL C			
WEAR M	IE I ALS			
Iron	ppm	<b>104</b>	■318	 
Copper	ppm	<b>6</b>	<b>1</b> 3	 
Lead	ppm	■0	<b>0</b>	 
Tin	ppm	<b>■</b> 0	<b>-</b> <1	 
Aluminum	ppm	<b>1</b>	<b>-</b> <1	 
Aluminum Chromium	ppm ppm	<b>□</b> 1	□<1 □6	
		_	_	 
Chromium	ppm	<u>2</u>	<u> </u>	 
Chromium Molybdenum	ppm ppm	2 4	6 8	 
Chromium Molybdenum Nickel	ppm ppm	2 4 <1	□6 □8 □3	 
Chromium Molybdenum Nickel Titanium	ppm ppm ppm ppm	□2 □4 □<1	□6 □8 □3 0	 
Chromium Molybdenum Nickel Titanium Silver	ppm ppm ppm ppm ppm	2 4 	6 8 3 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm	2 4 0   0   3	6 8 3 0 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm	2 4 0   0   3	6 8 3 0 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIV	ppm ppm ppm ppm	2 4 0   0   0   3   0	0 0 0 10 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIV	ppm ppm ppm ppm ppm	2 4 1 <1 0 0 0 3 0	6 8 3 0 0 10 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium ADDITIV Calcium Magnesium	ppm ppm ppm ppm	2 4 <1 0 0 0 3 0	6 8 8 0 0 0 10 0	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm	2 4 1 0 0 0 3 0	6 8 3 0 0 10 0 892 2 368	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium  Calcium Magnesium Zinc Phosphorus	ppm ppm ppm ppm	2 4 1 0 0 0 3 3 0 0 277 16 16 126 1066	6 8 3 0 0 10 0 892 2 368 1259	 
Chromium Molybdenum Nickel Titanium Silver Manganese Vanadium Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm	2 4 1 0 0 0 3 0	6 8 3 0 0 10 0 892 2 368	 



### RIPA AND ASSOCIATES

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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:RIPTAMUnique No:10551179Signed:Sean FeltonReport Date:13 Jul 2023



## **CONSTRUCTION EQUIPMENT**





