

[SPM688079 US STEEL]

VOLVO A25G 752203

Rear Axle

GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

ADNOHIMAL	VV/ \ \
ABNORMAL	CONTAMINATION
NORMAL	FLUID CONDITION

ARNORMAI

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP427320	VCP360036	
Sample Date		Client Info		19 Mar 2024	29 Mar 2022	
Machine Age	hrs	Client Info		9546	3706	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Not Changd	Not Changd	
Sample Status				ABNORMAL	NORMAL	
				400	004	
-					-	
			>10	-		
	ppm			-	-	
	ppm			0		
Aluminum	ppm	ASTM D5185m	>30	3	3	
Lead	ppm	ASTM D5185m	>50	0	<1	
Copper	ppm	ASTM D5185m	>150	77	54	
Tin	ppm	ASTM D5185m	>20	3	2	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	MODER	
Yellow Metal	scalar	*Visual	NONE	A HEAVY	NONE	
Silicon	ppm	ASTM D5185m	>50	5	6	
Potassium	ppm	ASTM D5185m	>20	<1	<1	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	A HEAVY	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Sodium	ppm	ASTM D5185m	>170	1	<1	
Boron	ppm	ASTM D5185m	400	7	188	
Barium	ppm	ASTM D5185m	200	0	2	
		A OTH DELOT	12	4	5	
Molybdenum	ppm	ASTM D5185m	12	1	5	
	ppm ppm	ASTM D5185m ASTM D5185m	12	4	12	
Molybdenum			12			
Molybdenum Manganese	ppm	ASTM D5185m		4	12	
Molybdenum Manganese Magnesium	ppm ppm	ASTM D5185m ASTM D5185m	12	4 0	12 10	
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	12 150	4 0 144	12 10 953	
Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	12 150 1650	4 0 144 538	12 10 953 1442	
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Chromium Chromium Silver Aluminum Lead Copper Aluminum Lead Copper Silver Vanadium Vanadium Vhite Metal Yellow Metal Yellow Metal Silicon Potassium Silicon Potassium Sand/Dirt Sand/Dirt Appearance Odor Emulsified Water Sodium	Sample NumberSample DateMachine AgehrsOil AgehrsFilter AgehrsOil ChangedreFilter ChangedreSample StatusppmChromiumppmNickelppmSilverppmAluminumppmLeadppmVanadiumppmVanadiumppmSiliconppmSiliconppmSiliconppmSiliconppmSiliconppmSiliconppmSiliconppmSiliconscalarSiliconscalarSiliconscalarSodiumscalarSodiumscalarSand/DirtscalarSand/DirtscalarSodiumppm <td>Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedIClient InfoSample StatusClient InfoSample StatusSample StatusIronppmASTM D5185mChromiumppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mLeadppmASTM 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WEAR

High concentration of visible metal present. All component wear rates are normal.

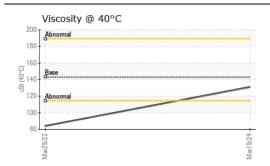
CONTAMINATION

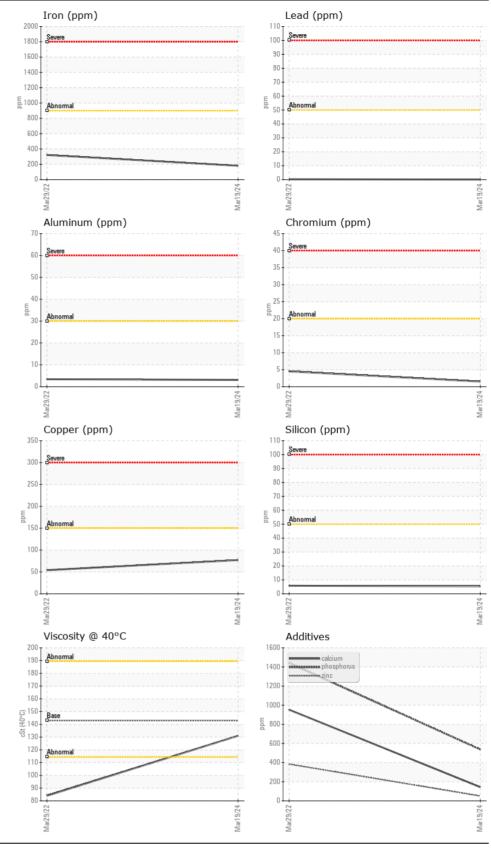
There is a high amount of visible silt present in the sample.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Contact/Location: DAVE ENG - VOLVO8885





ALTA EQUIPMENT CO - ORLAND PARK Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 5000 INDUSTRIAL HWY : VCP427320 : 19 Apr 2024 Lab Number : 06154871 Tested GARY, IN : 22 Apr 2024 Diagnosed Unique Number : 10990294 : 24 Apr 2024 - Sean Felton US 46406 Test Package : MOB 1 Contact: DAVE ENG Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. DAVE.ENG@ALTG.COM * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (312)350-2560 回協 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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Contact/Location: DAVE ENG - VOLVO8885 Page 2 of 2