



[RS0036629] VOLVO A30G 752053 Component Rear Right Final Drive

VOLVO PREMIUM GEAR OIL 80W-90 GL-5 (--- GAL)

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP430891		
Sample Date		Client Info		09 Jan 2024		
Machine Age	hrs	Client Info		4956		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR Iron ppm ASTM D5185m >900						
			>10			
			00			
			>20			
				-		
	Scala	visuai				
Silicon	ppm	ASTM D5185m	>50	18		
Potassium	ppm	ASTM D5185m	>20	3		
Water		WC Method	>0.2	NEG		
Silt	scalar	*Visual	NONE	LIGHT		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Sodium	ppm	ASTM D5185m		0		
Boron	ppm		379	190		
Barium	ppm	ASTM D5185m	0.0	4		
Molybdenum	ppm	ASTM D5185m	0.8	4		
Manganese	ppm	ASTM D5185m	0.0	7		
Magnesium	ppm	ASTM D5185m	31	13		
Calcium	ppm	ASTM D5185m	38	180		
Phosphorus	ppm	ASTM D5185m	1077	1149		
Zinc	ppm	ASTM D5185m	46	72		
Sulfur	ppm	ASTM D5185m	23526	24896		
	Sample Number Aample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Aluminum Lead Copper Silten Vanadium Vanadium Vhite Metal Valow Metal Valow Metal Valow Metal Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Potassium Vater Silicon Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Boron Barium Manganese Magnesium Calcium	Sample NumberImageSample DateMachine AgehrsOil AgehrsFilter AgehrsOil ChangedImageFilter ChangedJamaSample StatusppmIronppmNickelppmTitaniumppmSilverppmCopperppmVanadiumppmVanadiumppmVanadiumppmSiliconppmYellow MetalscalarSilterscalarSiltonscalarSiltscalarSodiumscalarCopperscalarYellow 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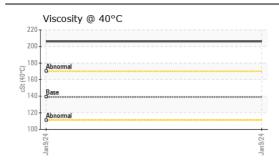
Visc @ 40°C

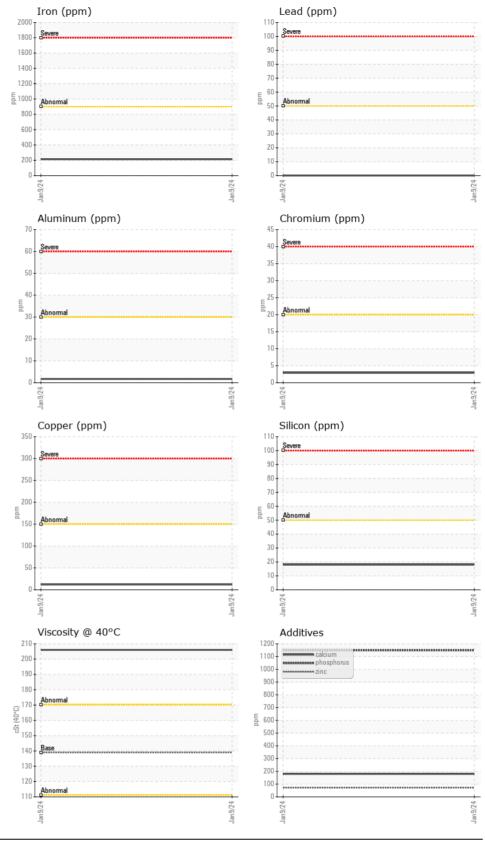
cSt

ASTM D445 139

Contact/Location: HUGH DOBBS - VOLVO8247

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COWIN EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Recieved : 17 Jan 2024 7950 PITTMAN AVE : VCP430891 Lab Number PENSACOLA, FL :06063142 Diagnosed : 18 Jan 2024 : 10834524 Unique Number : Wes Davis US 32534 Diagnostician Test Package : MOB 1 Contact: HUGH DOBBS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. HDOBBS@COWIN.COM * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (850)479-3004 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (850)474-1602

Contact/Location: HUGH DOBBS - VOLVO8247

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