

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION NORMAL

FLEET Machine Id VOLVO 2227124 (S/N 4V4NC9EH1RN631411) Component

Component Diesel Engine

{not provided} (42 QTS)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

Metal levels are typical for a new component breaking in.

CON	MIN		JN
COF		АП	

Fuel content negligible. Elemental level of silicon (Si) above normal indicating ingress of seal material. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components.

Test UOM Method Limit/Ab Current History1 History2 Sample Number Client Info 04 Jan 2024 Sample Date Client Info 21067 Oil Age mis Client Info 21067 Oil Age mis Client Info 21067 Oil Changed Client Info Changed Filter Age mis Client Info Changed Sample Status ABNORMAL Iron ppm ASTM D5185m<>20 <1 Nickel ppm ASTM D5185m<>22 19 Silver ppm ASTM D5185m<>24 0 Qapper ppm ASTM D5185m<>30 272 Vanatium ppm ASTM D5185m<>25 4 7					~~~~~		
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			*ASTM D7414	>25			
	Base Number (BN)	mg KOH/g	ASTM D2896		7.9		
	Visc @ 100°C		ASTM D445		9.3		

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



PERDUE FARMS - ACCOMAC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : PCA0113714 Recieved : 09 Jan 2024 22520 LANKFORD HWY Lab Number : 06055806 Diagnosed : 14 Jan 2024 ACCOMAC, VA : 10821755 US 23301 Unique Number Diagnostician : Don Baldridge Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel) Contact: PEGGY KIMES Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. peggy.kimes@perdue.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (757)787-5304 F: (757)787-5208 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: RANDY PARKER

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