

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

VOLVO EC480E 315257

Left Swing Drive

Fluid

GEAR OIL SAE 80W90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

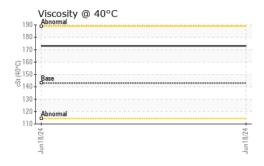
The condition of the oil is acceptable for the time in service.

Sample Number Client Info ML0946553					Jun 2024		
Sample Number Client Info ML0946553 Sample Date Client Info 18 Jun 2024 Machine Age hrs Client Info 520 Oil Age hrs Client Info 520 Oil Age hrs Client Info 520 Oil Changed Client Info Changed Oil Changed Client Info Changed Oil Changed Client Info Changed Order Mark Contract Contract Contract Contract Contract Water WC Method >0.25 NEG WEAR METALS method Imitibase current history1 history2 Iron ppm ASTM D5186m >10 2 Chromium ppm ASTM D5186m >10 Sliver ppm ASTM D5186m >50 0 Chapter ppm ASTM D5186m >50 0 Chapter ppm ASTM D5186m >50 0 Chapter ppm ASTM D5186m >50 13 Chapter ppm ASTM D5186m >10 <1 ADDITIVES method limit/base current history1 history2	SAMPLE INFORM	MATION	method	limit/base	current	hietory1	hietory2
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Sample Status	•	nrs					
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Nickel	Iron	ppm	ASTM D5185m	>1200	147		
Titanium	Chromium	ppm	ASTM D5185m	>10	2		
Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 <1 Lead ppm ASTM D5185m >50 0 Copper ppm ASTM D5185m >50 13 Tin ppm ASTM D5185m >10 <1 Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 400 <1 ADDITIVES method limit/base current history1 history2 Barium ppm ASTM D5185m 12 0 Molybdenum ppm ASTM D5185m 150 10 <t< th=""><th>Nickel</th><th>ppm</th><th>ASTM D5185m</th><th>>10</th><th><1</th><th></th><th></th></t<>	Nickel	ppm	ASTM D5185m	>10	<1		
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Tin ppm ASTM D5185m >10 <1	Lead	ppm	ASTM D5185m	>50	0		
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Boron	Cadmium	ppm	ASTM D5185m		0		
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Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.25 NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.25 NEG	Appearance	scalar	*Visual	NORML	NORML		
Emulsified Water scalar *Visual >0.25 NEG	• •	scalar	*Visual	NORML	NORML		
Free Water scalar *Visual NEG	Emulsified Water	scalar		>0.25			
	Free Water	scalar	*Visual		NEG		

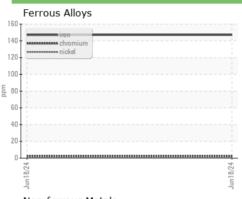
Contact/Location: JW MEADOWS - MCCFRE

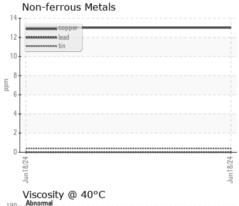


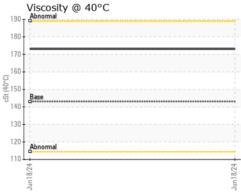
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	143	173		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image









Certificate 12367

Laboratory

Sample No. : ML0946553 Lab Number : 06217196

Unique Number : 11090060 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 21 Jun 2024 Tested : 24 Jun 2024 Diagnosed

: 24 Jun 2024 - Don Baldridge

MCCLUNG-LOGAN EQUIPMENT CO - FREDERICKSBURG 358 KINGS HWY FREDERICKSBURG, VA US 22405

Contact: JW MEADOWS

jmeadows@mcclung-logan.com T:

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: