

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id VOLVO ECR88D 10556 (S/N 218749) Component Left Final Drive

Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

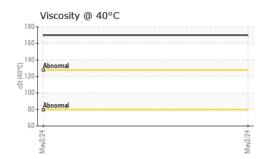
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0913090		
Sample Date		Client Info		02 May 2024		
Machine Age	hrs	Client Info		522		
Oil Age	hrs	Client Info		522		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIC	NN	method	limit/base	current	history1	history2
					Thistory I	This to Fyz
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	71		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		6		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		13		
Phosphorus	ppm	ASTM D5185m		340		
Zinc	ppm	ASTM D5185m		17		
Sulfur	ppm	ASTM D5185m		17079		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	2		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
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		
Free Water	scalar	*Visual		NEG		
:22:10) Rev: 1	ooului	riouui			ation: MIKE WY	ATT - TRANEW

Report Id: TRANEW [WUSCAR] 06174393 (Generated: 05/13/2024 12:22:10) Rev: 1

Contact/Location: MIKE WYATT - TRANEW



OIL ANALYSIS REPORT



FLUID PROPI	ERTIES	method	limit/base	current	history1	history
Visc @ 40°C	cSt	ASTM D445		170		
SAMPLE IMA	GES	method	limit/base	current	history1	history
Color				no image	no image	no image
00101				no image	nomage	no image
Bottom				no image	no image	no image
Bollom				no image	nonnage	no image
GRAPHS						
Ferrous Alloys						
70 - iron co						
60 - 50 -						
톱 40 -						
30						
10						
0 5:			54			
May2/24			May2/24			
Non-ferrous M	letals					
9 - copper						
8 tin						
6- E. 5-						
4						
3						
1+						
May2/24			May2/24			
≊ Viscosity @ 40	۱°C		Mi			
¹⁸⁰ 170						
160 -						
150						
130 - Abnormal						
110-						
100						
80 Abnormal			-			
May2/24			May2/24 -			
W			×			
: WearCheck USA	- 501 Madisor	n Ave., Cary	, NC 27513	т	RADER CONST	RUCTION
: WC0913090 : 06174393	Receiv Testeo	/ed : 09) May 2024) May 2024			DRAWER 1 EW BERN,
11020446	Diagn		May 2024 May 2024 - Dor	Baldridge	IN	LIS 28



Unique Number : 11020446 Diagnosed : 13 May 2024 - Don Baldridge Test Package : CONST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. mwyatt@traderconstruction.com * - 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)

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