

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id **VOLVO ECR88D 10557 (S/N 218751)** Component **Right Final Drive** Fluid

GEAR OIL SAE 80W90 (--- GAL)

DIAGNOSIS								
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Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

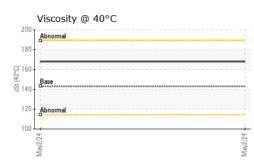
Fluid Condition

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

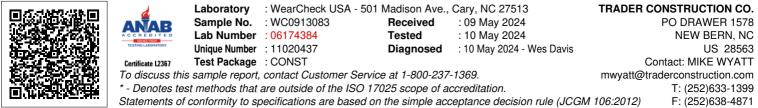
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
		Client Info	in the babb	WC0913083		
Sample Number						
Sample Date	la va	Client Info		02 May 2024		
Machine Age	hrs hrs	Client Info Client Info		469 469		
Oil Age	nis	Client Info				
Oil Changed Sample Status		Client Inio		Changed NORMAL		
				NORMAL		
CONTAMINATIC	DN	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	135		
Chromium	ppm	ASTM D5185m	>10	2		
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	<1		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	3		
Barium	ppm	ASTM D5185m	200	6		
Molybdenum	ppm	ASTM D5185m	12	1		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m	12	2		
Calcium	ppm	ASTM D5185m	150	11		
Phosphorus	ppm	ASTM D5185m	1650	362		
Zinc	ppm	ASTM D5185m	125	22		
Sulfur	ppm	ASTM D5185m	22500	16820		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	5		
Sodium	ppm	ASTM D5185m	>170	2		
Potassium	ppm	ASTM D5185m	>20	3		
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	NONE		
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		
:49:42) Rev: 1				Contact/Loc	ation: MIKE WY	ATT - TRANEW



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Visc @ 40°C	cSt	ASTM D445	143	168		
SAMPLE IMAG	ES _	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
iron						
0						
0-						
0						
0						
D						
0						
May2/24			May2/24			
	- I-		≥			
Non-ferrous Me	lais					
9 - copper second lead 8 - copper tin						
7-						
6-						
5						
3-						
2						
May2/24			May2/24			
∠ Viscosity @ 40°	с		2			
O - Abnormal			-			
0+						
0 - Base						
0						
0						
May2/24			May2/24			
×			×			



Contact/Location: MIKE WYATT - TRANEW