

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id AV Batch Belt Gearbox

Fluid CHEVRON RANDO HD 68 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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.

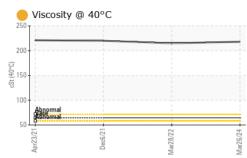
Fluid Condition

Viscosity of sample indicates oil is within ISO 220 range, advise investigate. Confirm oil type. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0082750	PCA0069544	PCA0052964
Sample Date		Client Info		26 Mar 2024	28 Mar 2022	06 Dec 2021
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed	1110	Client Info		Not Changd	Not Changd	N/A
Sample Status				ATTENTION	ATTENTION	ATTENTION
-			11 11 11		-	-
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	12	8	8
Chromium	ppm	ASTM D5185m	>10	<1	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	2	2	<1
Lead	ppm	ASTM D5185m	>50	<1	0	<1
Copper	ppm	ASTM D5185m	>200	<1	0	<1
Tin	ppm	ASTM D5185m	>10	<1	0	0
Antimony	ppm	ASTM D5185m	>5			0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		12	13	22
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		<1	0	<1
Calcium	ppm	ASTM D5185m		3	3	5
Phosphorus	ppm	ASTM D5185m		268	289	284
Zinc	ppm	ASTM D5185m		10	0	2
Sulfur	ppm	ASTM D5185m		10938	11699	9395
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	4	1	4
Sodium	ppm	ASTM D5185m		0	<1	0
Potassium	ppm	ASTM D5185m	>20	2	0	0
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate			NONE	NONE	NONE	NONE
•	scalar	*Visual	NONE			
Silt	scalar scalar	*Visual *Visual	NONE		NONE	NONE
Silt Debris	scalar	*Visual	NONE	NONE		
Silt Debris Sand/Dirt					NONE	NONE NONE NORML
Precipitate Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar	*Visual *Visual *Visual	NONE NONE NORML	NONE NONE NORML	NONE NORML	NONE NORML
Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NORML NORML	NONE NORE NORML NORML	NONE NORML NORML	NONE NORML NORML
Silt Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual	NONE NORML	NONE NONE NORML	NONE NORML NORML NEG	NONE NORML



OIL ANALYSIS REPORT



Visc @ 40°C cSt ASTM D445 64.6 218 215 220 SAMPLE IMAGES method init/base current history1 nist Color no image no image Bottom no image no image no image no image Image no image Image no image Non-ferrous Metals	SAMPLE IMAGES method limit/base current history1 history1 history1 Color imit/base no image no image no image Bottom imit/base no image no image no image Bottom imit/base no image no image Bottom imit/base no image no image GRAPHS Imit and the state Imit and the state Imit and the state Mon-ferrous Metals imit and the state imit and the state imit and the state	SAMPLE IMAGES method imit/base current history1 hist Color imit/base no image no im Bottom imit/base no image no im Bottom imit/base no image no im GRAPHS Ferrous Alloys imit/base imit/base imit/base Mon-ferrous Metals imit/base imit/base imit/base imit/base	history1	l histo
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Ferrous Alloys	Ferrous Alloys	Ferrous Alloys	no image	no im
Non-ferrous Metals	Non-ferrous Metals	Non-ferrous Metals		
Non-ferrous Metals	Non-ferrous Metals	Non-ferrous Metals		
Non-ferrous Metals	Non-ferrous Metals	Non-ferrous Metals		
	10 g	Copper s copper lead 7 6		
		8 + inclusion in the in		
EE 5				
E 5-	2+			
Apr23/21 Dec6/21 Mar28/22 Mar28/22	Mai28/21	Apr23/21		
Viscosity @ 40°C	2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Uid	2 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1 1 1 1 1		
Viscosity @ 40°C	Z 1 1 1 1 1 1 1 1 1 1 1 1 1	Viscosity @ 40°C		
und 4 4 4 4 4 4 4 4 4 4 4 4 4	2 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Viscosity @ 40°C		
und 5 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Viscosity @ 40°C	Viscosity @ 40°C		
und 4 4 4 4 4 4 4 4 4 4 4 4 4	Viscosity @ 40°C	Viscosity @ 40°C		
Image: Source of the second	Viscosity @ 40°C	Viscosity @ 40°C		
0 0	Viscosity @ 40°C	Viscosity @ 40°C		
U d d d d d d d d d d d d d d d d d d d	2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	Viscosity @ 40°C	A	A PPLE VA 14 AF



Unique Number : 10990768 Diagnosed : 24 Apr 2024 - Jonathan Hester Test Package : FLEET Contact: COLE DAMBROTEN Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. coledambroten@avrconcrete.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)

Report Id: AVRAPP [WUSCAR] 06155345 (Generated: 04/24/2024 12:20:28) Rev: 1

> Submitted By: senia zimmer Page 2 of 2

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