

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

HONDA 5FNYG1H68PB500559

Rear Differential

HONDA DUAL PUMP FLUID II (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		L		Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0779596		
Sample Date		Client Info		04 Apr 2024		
Machine Age	kms	Client Info		12368		
Oil Age	kms	Client Info		1500		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	9		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)	>10	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	3		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>100	3		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	>5	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		284		
Barium	ppm	ASTM D5185(m)		3		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		234		
Calcium	ppm	ASTM D5185(m)		398		
Phosphorus	ppm	ASTM D5185(m)		203		
Zinc	ppm	ASTM D5185(m)		305		
Sulfur	ppm	ASTM D5185(m)		1276		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	11		
Sodium	ppm	ASTM D5185(m)		2		
Potassium	ppm	ASTM D5185(m)	>20	<1		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
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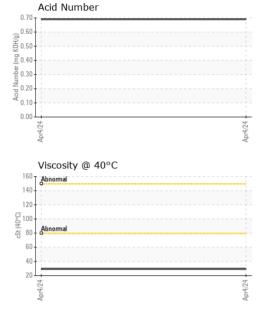
Acid Number (AN)

mg KOH/g ASTM D974*

0.69



OIL ANALYSIS REPORT



White Metal scalar Visual* NONE VLITE	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar Visual* NONE NONE	White Metal	scalar	Visual*	NONE	VLITE		
Silt scalar Visual* NONE NONE	Yellow Metal	scalar	Visual*	NONE	NONE		
Debris scalar Visual* NONE NONE	Precipitate	scalar	Visual*	NONE	NONE		
Sand/Dirt scalar Visual* NONE NORML	Silt	scalar	Visual*	NONE	NONE		
Appearance scalar Visual* NORML NORML	Debris	scalar	Visual*	NONE	NONE		
Odor scalar Visual* NORML NORML Emulsified Water scalar Visual* >.2 NEG Free Water scalar Visual* >.2 NEG FLUID PROPERTIES method limit/base current history1 history2 Visc @ 40°C cSt ASTM D7279(m) 29.2 SAMPLE IMAGES method limit/base current history1 history2 Color no image no image GRAPHS Iron (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Sillicon (ppm) Acid Number	Sand/Dirt	scalar	Visual*	NONE	NONE		
Emulsified Water scalar Visual* >.2 NEG	Appearance	scalar	Visual*	NORML	NORML		
Free Water scalar Visual* NEG FLUID PROPERTIES method limit/base current history1 history2 Visc @ 40°C cSt ASTM D7279(m) 29.2 SAMPLE IMAGES method limit/base current history1 history2 Color no image no image GRAPHS Iron (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Copper (ppm) Acid Number	Odor	scalar	Visual*	NORML	NORML		
FLUID PROPERTIES method limit/base current history1 history2 Visc @ 40°C cSt ASTM D7279(m) 29.2 SAMPLE IMAGES method limit/base current history1 history2 Color no image no image GRAPHS Iron (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Serves Aluminum (ppm) Aluminum (ppm) Serves Aluminum (ppm)	Emulsified Water	scalar	Visual*	>.2	NEG		
Visc @ 40°C cSt ASTM D7279(m) SAMPLE IMAGES method limit/base current history1 history2 Rolling Image no image no image no image no image no image no image Alumanal Alum	Free Water	scalar	Visual*		NEG		
SAMPLE IMAGES method limit/base current history1 history2 Color no image no image GRAPHS Iron (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Anomal Copper (ppm) Copper (ppm)	FLUID PROPERT	TES	method	limit/base	current	history1	history2
Bottom CGRAPHS Iron (ppm) Aluminum (ppm) Chromium (ppm) Chromium (ppm) Severe Aluminum (ppm) Copper (ppm) Severe Aluminum (ppm) Copper (ppm) Silicon (ppm) Silicon (ppm) Silicon (ppm) Anomal Viscosity @ 40°C Adhoemal Adhoemal Adhoemal Adhoemal Adhoemal Adhoemal	Visc @ 40°C	cSt	ASTM D7279(m)		29.2		
Bottom Copper (ppm) Chromium (ppm)	SAMPLE IMAGES	6	method	limit/base	current	history1	history2
Copper (ppm) Co	Color				VITE -	no image	no image
Iron (ppm) Comparison Comp	Bottom					no image	no image
Aluminum (ppm) Chromium (ppm) Chromium (ppm) Chromium (ppm) Severe Abnormal Copper (ppm) Silicon (ppm) Severe Abnormal Viscosity @ 40°C Abnormal Viscosity @ 40°C Abnormal	GRAPHS						
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Copper (ppm) Severe Abnormal Viscosity @ 40°C Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal	Apr4/24			Apr4/24	Apr4/24		Apr4/24
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: 09 Apr 2024 - Kevin Marson



CALA ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No.

mdd

Lab Number : 02627421 Unique Number : 5760553

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0779596 Received : 08 Apr 2024 : 09 Apr 2024

Tested Diagnosed Test Package : MOB 2 (Additional Tests: TAN Man)

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

HONDA CANADA INC.

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