

OIL ANALYSIS REPORT

Sample Rating Trend



Area CFR#41916 5410009396-04H11

Component Transmission (Auto)

Fluid MOBIL DELVAC SYNTHETIC ATF (--- 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 fluid.

Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC877039		
Sample Date		Client Info		14 Jun 2024		
Machine Age	hrs	Client Info		3924		
Oil Age	hrs	Client Info		1947		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>230	19		
Chromium	ppm	ASTM D5185(m)	>2	0		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)	>2	0		
Silver	ppm	ASTM D5185(m)	>5	<1		
Aluminum	ppm	ASTM D5185(m)	>65	4		
Lead	ppm	ASTM D5185(m)	>55	4		
Copper	ppm	ASTM D5185(m)	>85	34		
Tin	ppm	ASTM D5185(m)	>5	<1		
Antimony	ppm	ASTM D5185(m)		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)		193		
Barium	ppm	ASTM D5185(m)		2		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)		156		
Phosphorus	ppm	ASTM D5185(m)		443		
Zinc	ppm	ASTM D5185(m)		13		
Sulfur	ppm	ASTM D5185(m)		1338		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	4		
Sodium	ppm	ASTM D5185(m)		4		
Potassium	ppm	ASTM D5185(m)	>20	<1		





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VICUAL

44 Abnorm	d	
42		
40 -		
Base		
38 -		
36-		
34 Abnorm	1	
32		
30		
30 4		

	VISUAL		metho	d limit/t	base d	current	history1	history
	White Metal	scalar	Visual*	NONE	NC	DNE		
	Yellow Metal	scalar	Visual*	NONE	NC	ONE		
	Precipitate	scalar	Visual*	NONE	NC	DNE		
	Silt	scalar	Visual*	NONE	NC	DNE		
	Debris	scalar	Visual*	NONE	NC	DNE		
	Sand/Dirt	scalar	Visual*	NONE	NC	DNE		
	Appearance	scalar	Visual*	NORM	1L NC	ORML		
	Odor	scalar	Visual*	NORM	IL NC	ORML		
	Emulsified Water	scalar	Visual*	>0.1	NE	G		
	Free Water	scalar	Visual*		NE	G		
	FLUID PROPER	RTIES	metho	d limit/t	base (current	history1	history
	Visc @ 40°C	cSt	ASTM D7279		35	.7		
	SAMPLE IMAGE	ES	metho	d limit/t	oase o	current	history1	history
		_0	mouno					
	Color						no image	no image
					(
	Bottom						no image	no image
	GRAPHS							
	Iron (ppm) 400 _T Severe				Lea 100 _T Seven	d (ppm)		
	200 Abnormal				Abno	rmal		
ŝ					d			
	24 10			24	24+10			
	Jun 14/24			Jun 14/24	un14/			
	→ Aluminum (ppm)	`		~	⊸ Chr	omium (pp	m)	
	150	,			10 _T	onnunn (pp		
	100 Abnormal				E 5	8		
ŝ	50-				Abno	rmal		
	24 L 0			24	24+10			
	Jun 14/24			Jun 14/24	Jun 14/24			
				7		on (nnm)		
	Copper (ppm)				40 T	on (ppm)		
					E 20 - Abno			
5	50-				8-0			
	24+10			24+	24 0			
	Jun 14/24			Jun 14/24	Jun 14/24			
				η	,	itiya -		
	Viscosity @ 40°C	•			Add	itives		
					100	calcium		
	35 + Abnormal				E 200	zinc		
	30			+	0		~	
				Jun14/24	Jun 14/24			
	14/2			Jun	Jun			
	Jun 14/24							
	-	75 Applab	uline Du	urlington O				
	: WearCheck - C8-117						MENT OF NAT	
	: WearCheck - C8-117 : WC877039	Rece	ived	: 21 Jun 20)24		MENT OF NAT EORGE R.PEA	RKES BUILD
	: WearCheck - C8-117	Recei Teste	ived ed	: 21 Jun 20 : 21 Jun 20)24	MGEN.G		
	: WearCheck - C8-117 : WC877039 : <mark>02643436</mark>	Recei Teste	ived ed	: 21 Jun 20 : 21 Jun 20)24)24	MGEN.G son	EORGE R.PEA Contact: F	RKES BUILD OTTAWA, CA K1A (Philippe Char
r r e	: WearCheck - C8-117 : WC877039 : <mark>02643436</mark> : 5800975	Rece Teste Diagr	ived d nosed 800-268-2	: 21 Jun 20 : 21 Jun 20 : 21 Jun 2024 : <i>131.</i>)24)24 1 - Kevin Mar	MGEN.G son	EORGE R.PEA Contact: F philippe.charro	RKES BUILD OTTAWA, CA K1A Philippe Char

To discuss this sample rep 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.

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