

OIL ANALYSIS REPORT

Sample Rating Trend



Area NFDM PT12PP04BB01 Component **Bearing**

Fluid

MOBIL SHC 626 (--- GAL)

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 oil.

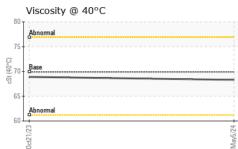
Fluid Condition

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

Water WC Method >2 NEG NEG WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >20 <1 0 Nickel ppm ASTM D5185m >20 <1 0 Silver ppm ASTM D5185m <20 <1 <1 Aluminum ppm ASTM D5185m >20 2 1 Lead ppm ASTM D5185m >20 2 1 Copper ppm ASTM D5185m >20 1 1 Yanadium ppm ASTM D5185m >20 1 0 Vanadium ppm ASTM D5185m <1 0 Vanadium ppm ASTM D5185m <1 0 <th>Sample Date Machine Age Oil Age</th> <th>IATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	Sample Date Machine Age Oil Age	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status Image Client Info N/A N/A N/A CONTAMINATION method Imit/base current history1 history1 Water WC Method >2 NEG NEG WEAR METALS method Imit/base current history1 history1 Iron ppm ASTM D5185m >20 <1 0 Nickel ppm ASTM D5185m >20 <1 0 Aluminum ppm ASTM D5185m >20 <1 0 Additionum ppm ASTM D5185m >20 21 1 Aduminum ppm ASTM D5185m >20 1 0 Vanadium ppm ASTM D5185m >20 1	Machine Age Oil Age		Client Info		WC0934865	WC0871163	
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Iron ppm ASTM D5185m >20 <1	Water		WC Method	>2	NEG	NEG	
Chromium ppm ASTM D5185m >20 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >20 <1	Iron	ppm	ASTM D5185m	>20	<1	<1	
Titanum ppm ASTM D5185m <1	Chromium	ppm	ASTM D5185m	>20	<1	0	
Silver ppm ASTM D5185m <1	Nickel	ppm	ASTM D5185m	>20	<1	0	
Aluminum ppm ASTM D5185m >20 2 1 Lead ppm ASTM D5185m >20 <1 <1 Copper ppm ASTM D5185m >20 1 1 Tin ppm ASTM D5185m >20 <1 0 Vanadium ppm ASTM D5185m <20 <1 0 Vanadium ppm ASTM D5185m <20 <1 0 Cadmium ppm ASTM D5185m <1 0 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 0 Malganese ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m <1 0 Calcium ppm ASTM D5185m <1 0 S	Titanium	ppm	ASTM D5185m		<1	<1	
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Copper ppm ASTM D5185m >20 1 1 Tin ppm ASTM D5185m >20 <1 0 Vanadium ppm ASTM D5185m <1 0 Cadmium ppm ASTM D5185m <1 0 Cadmium ppm ASTM D5185m <1 <1 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185m 0 0 Malganese ppm ASTM D5185m <1 0 Manganese ppm ASTM D5185m <1 0 Magnesium ppm ASTM D5185m <1 0	Lead		ASTM D5185m	>20	<1	<1	
Tin ppm ASTM D5185m >20 <1	Copper		ASTM D5185m	>20	1	1	
Vanadium ppm ASTM D5185m <1			ASTM D5185m	>20	<1	0	
Cadmium ppm ASTM D5185m <1	Vanadium		ASTM D5185m		<1	0	
Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m <1 0 Manganese ppm ASTM D5185m <1 0 Magnesium ppm ASTM D5185m <1 0 Calcium ppm ASTM D5185m <1 0 Calcium ppm ASTM D5185m <1 0 Phosphorus ppm ASTM D5185m <1 0 Zinc ppm ASTM D5185m 1 11 Sulfur ppm ASTM D5185m 0 0 Sulfur ppm ASTM D5185m >15 1 <1 Sodium ppm ASTM D5185m >15 1 <1 Sodium ppm ASTM D5185m >20 1 1	Cadmium				<1	<1	
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Molybdenum ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m		0	0	
Magnesse ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		0	0	
Magnesium ppm ASTM D5185m <1	Molybdenum	ppm	ASTM D5185m		<1	0	
Calcium ppm ASTM D5185m 4 <1	Manganese	ppm	ASTM D5185m		<1	0	
Phosphorus ppm ASTM D5185m 448 474 Zinc ppm ASTM D5185m 1 11 11 11 11 11 11 11	Magnesium	ppm	ASTM D5185m		<1	0	
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Silicon ppm ASTM D5185m >15 1 <1	Sulfur	ppm	ASTM D5185m		0	0	
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Potassium ppm ASTM D5185m >20 1 1	CONTAMINANTS	ppm	ASTM D5185m	>15	1	<1	
		ppm	ASTM D5185m		0	0	
VISUAL method limit/base current history1 history	Silicon					1	
	Silicon Sodium	ppm	ASTM D5185m	>20	1		
White Metal scalar *Visual NONE NONE NONE	Silicon Sodium Potassium	ppm					history2
Yellow Metal scalar *Visual NONE NONE NONE	Silicon Sodium Potassium VISUAL		method	limit/base	current	history1	· · · · · ·
Precipitate scalar *Visual NONE NONE NONE	Silicon Sodium Potassium VISUAL White Metal	scalar	method *Visual	limit/base NONE	current NONE	history1 NONE	
Silt scalar *Visual NONE NONE NONE	Silicon Sodium Potassium VISUAL White Metal Yellow Metal	scalar scalar	method *Visual *Visual	limit/base NONE NONE	current NONE NONE	history1 NONE NONE	
Debris scalar *Visual NONE LIGHT NONE	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	scalar scalar scalar	method *Visual *Visual *Visual	limit/base NONE NONE NONE	current NONE NONE NONE	history1 NONE NONE NONE	
Sand/Dirt scalar *Visual NONE NONE NONE	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	scalar scalar scalar scalar	method *Visual *Visual *Visual *Visual	limit/base NONE NONE NONE NONE	current NONE NONE NONE NONE	history1 NONE NONE NONE NONE	
Appearance scalar *Visual NORML NORML NORML	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	scalar scalar scalar scalar scalar	method *Visual *Visual *Visual *Visual *Visual	limit/base NONE NONE NONE NONE	OUTTENT NONE NONE NONE LIGHT	history1 NONE NONE NONE NONE NONE	
Odor scalar *Visual NORML NORML NORML	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	scalar scalar scalar scalar scalar scalar	method *Visual *Visual *Visual *Visual *Visual	limit/base NONE NONE NONE NONE NONE	Current NONE NONE NONE LIGHT NONE	history1 NONE NONE NONE NONE NONE	
Emulsified Water scalar *Visual >2 NEG NEG	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar scalar scalar scalar	method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	limit/base NONE NONE NONE NONE NONE NORE	Current NONE NONE NONE LIGHT NONE NORML	history1 NONE NONE NONE NONE NONE NONE	
Free Water scalar *Visual NEG NEG	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar scalar scalar scalar scalar	method *Visual *Visual *Visual *Visual *Visual *Visual *Visual	limit/base NONE NONE NONE NONE NORE NORML NORML	Current NONE NONE NONE LIGHT NONE NORML NORML	history1 NONE NONE NONE NONE NONE NORML NORML	
:16:27) Rev: 1 Submitted By: MICHAEL VILLASEN	Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar scalar scalar scalar scalar	method *Visual	limit/base NONE NONE NONE NONE NORE NORML NORML	Current NONE NONE NONE LIGHT NONE NORML NORML NEG	history1 NONE NONE NONE NONE NONE NORML NORML NEG	



OIL ANALYSIS REPORT



FLUID PROPERT	TIES metho	d limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D4	445 69.9	68.3	68.9	
SAMPLE IMAGES	S metho	d limit/base	current	history1	history2
Color			a.	no image	no image
Bottom				no image	no image
GRAPHS					
Ferrous Alloys	s	May5/24 1			
Abnormal 78 Abnormal 74 Abnormal 72 Base 66 66 64 66 64 Commal 60 Example Example Example		May5/24			
: WearCheck USA - 50 : WC0934865 : 06184811 : 11036137 : IND 1 contact Customer Serv	Received Tested Diagnosed	Cary, NC 27513 : 20 May 2024 : 21 May 2024 : 22 May 2024 - Se		L	1302 1ST A GREELEY, C IS 80631-59 ct: ERIC KLIN

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (970)347-5190

Certificate L2367

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