

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id SL09 Component Rear Left Planetary Fluid SAE 75W140 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

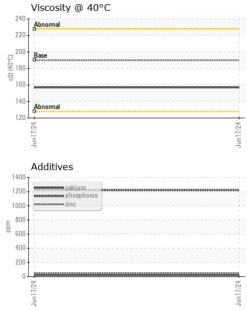
Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0952393		
Sample Date		Client Info		17 Jun 2024		
Machine Age	hrs	Client Info		9989		
Oil Age	hrs	Client Info		500		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	43		
Chromium	ppm	ASTM D5185(m)	>10	<1		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	1		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>75	<1		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	>5	<1		
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)		156		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		1		
Calcium	ppm	ASTM D5185(m)		22		
Phosphorus	ppm	ASTM D5185(m)		1219		
Zinc	ppm	ASTM D5185(m)		49		
Sulfur	ppm	ASTM D5185(m)		18749		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	3		
Sodium	ppm	ASTM D5185(m)		35		
Potassium	ppm	ASTM D5185(m)	>20	<1		



OIL ANALYSIS REPORT



scalar Visual* NONE NONE scalar Visual* NONE NONE scalar Visual* NONE NONE		method I		VISUAL
	ONE NO	Visual* N	scalar	Vhite Metal
scalar Visual* NONE NONE -	ONE NO	Visual* N	scalar	ellow Metal
	ONE NO	Visual* N	scalar	Precipitate
scalar Visual* NONE NONE	ONE NO	Visual* N	scalar	Silt
scalar Visual* NONE VLITE	ONE VLI	Visual* N	scalar	Debris
scalar Visual* NONE NONE	ONE NO	Visual* N	scalar	Sand/Dirt
scalar Visual* NORML NORML				ppearance
scalar Visual* NORML NORML	ORML NO	Visual* N	scalar	Ddor
				mulsified Water
scalar Visual* NEG				ree Water
RTIES method limit/base current history	imit/base cu	method I	ES	FLUID PROPERTI
cSt ASTM D7279(m) 190 157	0 157	ASTM D7279(m) 1 9	cSt	/isc @ 40°C
GES method limit/base current history1	imit/base cı	method		SAMPLE IMAGES
no image				Color
no image				Bottom
			-	GRAPHS
Lead (ppm)	Lead			Iron (ppm)
150 T				
Severe	Smiara			Severe
E 100 - Severe	E 100 - Severe			Severe
E 100 - Severe So - Abnormal	E 100 - Severe			Severe Abnormal
E 100 Solution	E 100 - Severe 50 - Abnorm			Abnormal
E 100 - Severe So - Abnormal	E 100 - Severe 50 - Abnorm			
n)	Berere add bz/Llump bz/Llump Chron			Abnormal 1977[Junn Aluminum (ppm)
n)	Abnom + 22/Llung 100 + 22/Llung Chron 30 T Severe			Aboomal 1572/100
n)	Abnom + 22/Llung 100 + 22/Llung Chron 30 T Severe			Abnormal 472/11un Aluminum (ppm)
n)	Hold Servere wed Servere wed Solution for the			Abnormal Horizonta Aluminum (ppm)
n) Servere Monormal Mon	billing chronic severe abnorm for the severe			Abnormal Haluminum (ppm)
n)	billing chronic severe abnorm for the severe			Abnormal 472/11un Aluminum (ppm)
n) bioint for the second seco	http://time			Abnormal Abnormal Aluminum (ppm) Severe Abnormal
n) +7/Llun +7/Llun Silicon (ppm) 300	http://limp			Abnormal Aluminum (ppm)
n) +72/Llun +72/Llun Severe udd 0 +72/Llun Silicon (ppm) 300 Severe Silicon (ppm) 300 Severe	HZZLLIUM HZZLLIUM HZZLLIUM HZZ			Abnormal Aluminum (ppm) Severe Abnormal +52/Llung Copper (ppm)
n) +72/Lunr +72/Lunr bhormal +72/Lunr Severe aboormal +72/Lunr Silicon (ppm) 300 Severe Abnormal 420 50 50 50 50 50 50 50 50 50 5	472/Llung 472/Llung			Abnormal Aluminum (ppm)
n) +7/[lun] +7/[lun] +7/[lun] +7/[lun] +7/[lun] +7/[lun] Silicon (ppm) Silicon (ppm) Subormal Su	to the second se			Abnormal Aluminum (ppm) Severe Abnormal Copper (ppm) Severe
n) +7/[lun] +7/[lun] +7/[lun] +7/[lun] +7/[lun] +7/[lun] Silicon (ppm) Silicon (ppm) Subormal Su	to the second se			Abnormal Aluminum (ppm) Severe Abnormal Copper (ppm) Severe
n) +billion (ppm) +billion (tz/Llun ty/			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal
n) +billion (ppm) +billion (http://lump http:/			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Viscosity @ 40°C
n) +72[lunf +7	http://tump http:/			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal
n) +7/Llun +7/Llun +7/Llun +7/Llun Chromium (ppm) Severe +7/Llun Silicon (ppm) Severe Abnomal +7/Llun Silicon (ppm) Chromium Additives	billico			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal
n) +7/Llun +7/Llun +7/Llun +7/Llun +7/Llun Chromium (ppm) -7/Llun Silicon (ppm) -7/Llun Silicon (ppm) -7/Llun Silicon (ppm) -7/Llun -	by the second se			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Viscosity @ 40°C Abnormal Base Abnormal
n) +billicon (ppm) +billicon (ppm) -billicon (ppm) -b	by the second se			Abnormal Abnormal Aluminum (ppm) Severe Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal Abnormal

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.

Report Id: KIR370KIR [WCAMIS] 02643811 (Generated: 06/24/2024 16:33:27) Rev: 1

CALA

ISO 17025:2017 Accredited Laboratory

Contact/Location: Mitch Lamontagne - KIR370KIR

T: (705)567-5208

F: (705)567-5221