

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.

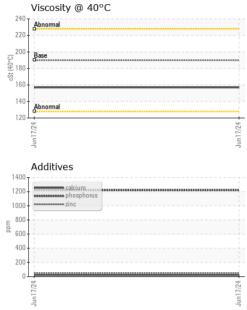
Fluid Condition

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 | | |



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| scalar Visual* NONE NONE - | ONE NO | Visual* N | scalar | ellow Metal |
| | ONE NO | Visual* N | scalar | Precipitate |
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| 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) |
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| 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 | | | Abnormal Aluminum (ppm) |
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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

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