

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# **MERCEDES C6-B**

Component Transmission

{not provided} (--- GAL)

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the fluid.

## **Fluid Condition**

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

SAMPLE INFORMATION  method  limit/base  current  history1  history1    Sample Number  Client Info  WC0940238      Sample Date  Client Info  12 Jun 2024      Machine Age  hrs  Client Info  2815      Oil Age  hrs  Client Info  N/A      Oil Changed  Client Info  N/A      Sample Status  NORMAL      CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  >0.1  NEG      WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185(m)  >200  23      Chromium  ppm  ASTM D5185(m)  >10       Nickel  ppm  ASTM D5185(m)  0 </th <th>ry2</th>	ry2
Sample Number  Client Info  WC0940238      Sample Date  Client Info  12 Jun 2024      Machine Age  hrs  Client Info  2815      Oil Age  hrs  Client Info  0      Oil Changed  Client Info  N/A      Sample Status  NORMAL      CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  >0.1  NEG      WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185(m)  >200  23      Chromium  ppm  ASTM D5185(m)  >10      Nickel  ppm  ASTM D5185(m)  0	ry2
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CONTAMINATION  method  limit/base  current  history1  history1    Water  WC Method  >0.1  NEG      WEAR METALS  method  limit/base  current  history1  history1    Iron  ppm  ASTM D5185(m)  >200  23      Chromium  ppm  ASTM D5185(m)  >10  0      Nickel  ppm  ASTM D5185(m)  0	
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Iron  ppm  ASTM D5185(m)  >200  23      Chromium  ppm  ASTM D5185(m)  >10  0      Nickel  ppm  ASTM D5185(m)  0	ry2
Chromium  ppm  ASTM D5185(m)  >10  0      Nickel  ppm  ASTM D5185(m)  0	
Chromium  ppm  ASTM D5185(m)  >10  0      Nickel  ppm  ASTM D5185(m)  0	
Nickel  ppm  ASTM D5185(m)  0	
• • • • • • • • • • • • • • • • • • • •	
<b>Titanium</b> ppm ASTM D5185(m) <b>0</b>	
Silver  ppm  ASTM D5185(m)  0	
Aluminum ppm ASTM D5185(m) >50 <b>3</b>	
Lead ppm ASTM D5185(m) >50 <b>0</b>	
Copper  ppm  ASTM D5185(m)  >200  1	
Tin ppm ASTM D5185(m) >10 0	
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 history	ry2
Boron ppm ASTM D5185(m) <b>73</b>	
Barium  ppm  ASTM D5185(m)  0	
Molybdenum  ppm  ASTM D5185(m)  0	
Manganese  ppm  ASTM D5185(m)  2	
Magnesium  ppm  ASTM D5185(m)  2	
Calcium  ppm  ASTM D5185(m)  28	
Phosphorus  ppm  ASTM D5185(m)  174	
<b>Zinc</b> ppm ASTM D5185(m) <b>7</b>	
Sulfur  ppm  ASTM D5185(m)  707	
Lithium  ppm  ASTM D5185(m)  1	
CONTAMINANTS method limit/base current history1 history	ry2
Silicon ppm ASTM D5185(m) >50 <b>44</b>	
Sodium  ppm  ASTM D5185(m)  12	
Potassium  ppm  ASTM D5185(m)  >20  4	
FLUID DEGRADATION method limit/base current history1 history	ry2

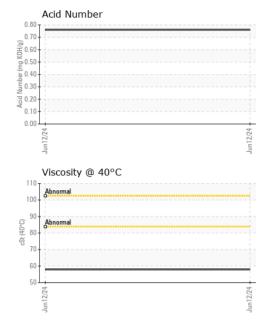
Acid Number (AN)

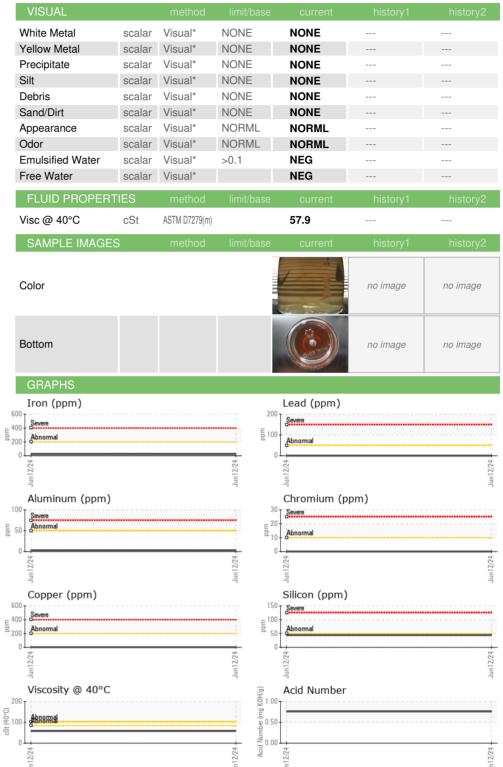
mg KOH/g ASTM D974\*

0.76



## **OIL ANALYSIS REPORT**







CALA ISO 17025:2017 Accredited Laboratory

Sample No. Unique Number : 5799322

Laboratory Lab Number : 02641783

: WC0940238

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Tested** 

Received : 13 Jun 2024 : 13 Jun 2024 Diagnosed

: 13 Jun 2024 - Kevin Marson

Test Package : MOB 2 ( Additional Tests: TAN Man ) To discuss this sample report, contact Customer Service at 1-800-268-2131.

Contact: Glenn Skilton Glenn.Skilton@atkinsrealis.com T: (613)907-7100

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.

Ottawa, ON

**CA K1V 9V9** 

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