

Unit ID **Brake fluid**

+49 8034-9047-210

Current sample number **1704516**

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OELCHECK GmbH · Kerschelweg 28 · 83098 Brannenburg

Machine type: **ML 250**  
 Manufacturer: **Mercedes Benz**

Example report  
 Analysis scope: Analysis-Kit 8HB

### Diagnosis for the current laboratory values

Copper is significantly elevated. Die übrigen ermittelten Werte weisen auf eine glykolbasierte Bremsflüssigkeit gemäß DOT-4 oder DOT-5.1 hin. Ihren Angaben zufolge wurde das Medium bereits gewechselt.

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Dipl.-Ing. Andy Böhme (CLS)

### Sample Rating



### Caution

ANALYSIS RESULTS			Current sample	Previous samples	
<b>LAB NUMBER</b>			<b>1704516</b>		
<b>SAMPLE RATING</b>					
Date tested			<b>05.10.2023</b>		
Date of sample taken			<b>29.09.2023</b>		
Date of last oil change			-		
Top-up since change			-		
Operating time since change			-		
Total operating time			-		
Oil changed			<b>yes</b>		
<b>WEAR</b>					
Iron	Fe	mg/kg	<b>3</b>		
Chrom	Cr	mg/kg	<b>0</b>		
Tin	Sn	mg/kg	<b>8</b>		
Aluminum	Al	mg/kg	<b>1</b>		
Nickel	Ni	mg/kg	<b>0</b>		
Copper	Cu	mg/kg	<b>90</b>		
Lead	Pb	mg/kg	<b>1</b>		
Molybdenum	Mo	mg/kg	<b>0</b>		
Manganese	Mn	mg/kg	<b>0</b>		
PQ index	-		<b>&lt; 25</b>		
<b>CONTAMINATION</b>					
Silicon	Si	mg/kg	<b>2</b>		
Potassium	K	mg/kg	<b>1</b>		
Sodium	Na	mg/kg	<b>4</b>		
Tungsten	W	mg/kg	<b>34</b>		
Cobalt	Co	mg/kg	<b>1</b>		
<b>OIL CONDITION</b>					
Viscosity at 100°C	mm²/s		<b>2.47</b>		
Viscosity index	-		<b>89</b>		
Oxidation	A/cm		<b>-</b>		
<b>ADDITIVES</b>					
Calcium	Ca	mg/kg	<b>1</b>		
Magnesium	Mg	mg/kg	<b>0</b>		
Boron	B	mg/kg	<b>5017</b>		
Zinc	Zn	mg/kg	<b>7</b>		
Phosphorus	P	mg/kg	<b>60</b>		
Barium	Ba	mg/kg	<b>0</b>		
<b>ADDITIONAL TESTS</b>					
Density 15°C	kg/m³		<b>1079</b>		
pH value	-		<b>7.3</b>		
Boiling point	°C		<b>233.0</b>		

