

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL



LIEBHERR R945 058083-1866

Right Final Drive

GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

WEAR

All component wear rates are normal.

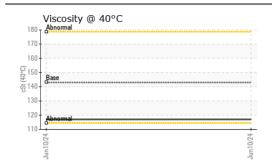
CONTAMINATION

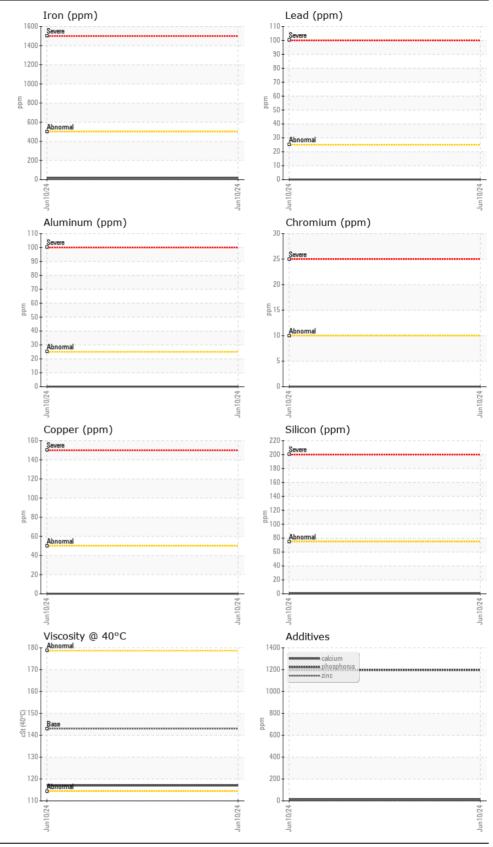
There is no indication of any contamination in the oil.

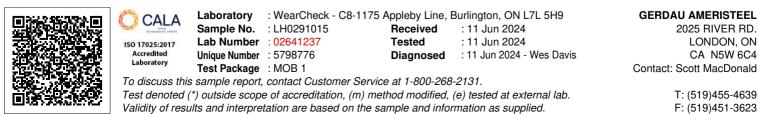
FLUID CONDITION

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

Test UOM Method Limi/An Current History1 History2 Sample Number Client Info 10 Jun 2024 Machine Age hrs Client Info 913 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status Client Info N/A Iron ppm ASTMD5180m >500 16 Sikel ppm ASTMD5180m >10 0 Nickel ppm ASTMD5180m >10 0 Aluminum ppm ASTMD5180m >20 0 Vanadium							
Sample Number Client Info LH0291015 Sample Date Client Info 10 Jun 2024 Machine Age hrs Client Info 913 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status Visites NORMAL Iron ppm ASTM D5185(m) >10 0 Ronnium ppm ASTM D5185(m) >10 0 Iron ppm ASTM D5185(m) >10 0 Aluminum ppm ASTM D5185(m) >25 0 Aluminum ppm ASTM D5185(m)	Test	UOM	Method	Limit/Abn	Current	History1	History2
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Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTMD5185(m) >500 16 Chromium ppm ASTMD5185(m) >10 0 Nickel ppm ASTMD5185(m) >10 0 Aluminum ppm ASTMD5185(m) >25 0 Lead ppm ASTMD5185(m) >50 0 Vanaduum ppm ASTMD5185(m) >50 0 Valaduim ppm ASTMD5185(m) >50 0 Vanaduum ppm ASTMD5185(m)	Sample Date		Client Info		10 Jun 2024		
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Phosphorus ppm ASTM D5185(m) 1650 1196 Zinc ppm ASTM D5185(m) 125 11 Sulfur ppm ASTM D5185(m) 22500 21177	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >0.2 NONE NONE NORML NORML >0.2 >170 400 200	<1 NEG NONE NONE NORML NORML NEG 1 237 2 0		Image: select
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Visc @ 40°C cSt ASTM D7279(m) 143 117	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >0.2 NONE NONE NORML >0.2 >170 400 200 12 12 12 150 1650	<1 NEG NONE NONE NORML NORML NEG 1 237 2 0 <1 1 1 14 14 1196		
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Submitted By: ? Page 2 of 2