

LABORATORY ANALYSIS



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COPELAND (MHDS)
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Department **REYLAM - DIECAST**
Equipment No. **OKUMA 02 GRINDER (X0090)**
System **Coolant**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)**

Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant.

Sample Information

Lab Number	New	2407-00131	2404-00638	---
Date of Sample	(Typical)	03 Jul 2024	03 Apr 2024	---
Oil Added		UNK	UNK	---
Last Drain Date		--	--	---
Last Filter Service		--	--	---
Sample Point		---	---	---
Sample Status		NORMAL	NORMAL	---

RATIO PER REFRACTOMETER

Refract. Reading		2.9	25.0	---
Refract. Model		DIGITAL	DIGITAL	---
Refract. Ratio	oil:water	9:1	<0.5:1	---

pH (ASTM E-70)

pH	Scale 0-14	9.0	9.1	---
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	---

HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	61.9	68.2	---
Grains		3.6	4.0	---

BACTERIA COUNT (Class Range 0 to 6)

Bacteria Class	Scale 0-6	0	0	---
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FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

Yeast Class	Scale 0-4	0	0	---
Mold Class	Scale 0-3	0	0	---

ENERGY DISPERSIVE XRF (*BELOW MINIMUM DETECTION LIMIT)

ppm Chlorine (Cl)	ppm	*	*	---
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Customer Id: MOTMCA
Sample No.: EN24070131
Lab Number: 24070131
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT

