

LABORATORY ANALYSIS



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Department **REYLAM - TOOL ROOM**
Equipment No. **GRINDTR02 GRINDER (X0033)**
System **Grinding Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)**

Diagnosis

Add make up dilution of 50:1 ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO lean dilution until reaching recommended dilution of 15:1. The desired refractometer reading for this reservoir is 2.01.(not applicable) There is no indication of any contamination in the grinding fluid. Ratio is slightly strong.

Sample Information

Lab Number	New	2407-00132	2406-00484	2405-00612
Date of Sample	(Typical)	03 Jul 2024	12 Jun 2024	08 May 2024
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		46.0	45.3	44.2
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL

RATIO PER REFRACTOMETER

Refract. Reading		2.9	3.9	3.3
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	▲ 9:1	▲ 7:1	▲ 8:1

pH (ASTM E-70)

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

HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	25.7	56.1	61.0
Grains		1.5	3.3	3.6

BACTERIA COUNT (Class Range 0 to 6)

Bacteria Class	Scale 0-6	■ 1	■ 0	■ 0
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FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

Yeast Class	Scale 0-4	■ 1	■ 0	■ 0
Mold Class	Scale 0-3	■ 1	■ 0	■ 0

Contamination

Water	NEG	NEG	NEG
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Customer Id: MOTMCA
Sample No.: EN24070132
Lab Number: 24070132
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT