

LABORATORY ANALYSIS



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Department **REYLAM - TOOL ROOM**
Equipment No. **GRINDTR01 GRINDER (X0034)**
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	2405-00613	2312-01091	2312-00143
Date of Sample	(Typical)	08 May 2024	20 Dec 2023	28 Nov 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		44.2	39.7	39.0
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ABNORMAL	NORMAL	NORMAL

RATIO PER REFRACTOMETER

Refract. Reading		3.3	2.4	2.8
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	▲ 8:1	■ 12:1	■ 10:1

pH (ASTM E-70)

pH	Scale 0-14	■ 9.1	■ 8.9	■ 8.9
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	AS REC'D

HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	61.0	20.7	28.1
Grains		3.6	1.2	1.7

BACTERIA COUNT (Class Range 0 to 6)

Bacteria Class	Scale 0-6	■ 0	■ 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	■ 0
Mold Class	Scale 0-3	■ 0	■ 0	■ 0

Contamination

Water	NEG	NEG	NEG
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Customer Id: MOTMCA
Sample No.: EN24050613
Lab Number: 24050613
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT