

LABORATORY ANALYSIS



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COPELAND (MHDS)
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Department **REYLAM - TOOL ROOM**
Equipment No. **GRINDTR07 GRINDER (X0041)**
System **Grinding Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)**

Diagnosis

{not applicable} There is no indication of any contamination in the grinding fluid. Ratio is slightly strong.

Sample Information

Lab Number	New	2403-00266	2402-00431	2312-01095
Date of Sample	(Typical)	06 Mar 2024	08 Feb 2024	20 Dec 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		42.1	41.3	39.7
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ABNORMAL	NORMAL

RATIO PER REFRACTOMETER

Refract. Reading		3.1	3.4	2.7
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	9:1	8:1	10:1

pH (ASTM E-70)

pH	Scale 0-14	9.0	8.7	8.8
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	AS REC'D

HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	34.7	23.2	168.2
Grains		2.0	1.4	9.9

BACTERIA COUNT (Class Range 0 to 6)

Bacteria Class	Scale 0-6	0	2	0
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FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

Yeast Class	Scale 0-4	0	2	0
Mold Class	Scale 0-3	0	0	0

Contamination

Water	NEG	NEG	NEG
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Customer Id: MOTMCA
Sample No.: EN24030266
Lab Number: 24030266
Test Package: TEST



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FUEL REPORT