

LABORATORY ANALYSIS



11525 Rock Island Court, St. Louis, MO 63043
Tel: 1-800-876-0008 info@englube.com

COPELAND (MHDS)
6001 S. 35TH STREET, SUITE D"
REYNOSA, ZZ
US
Contact: GERARDO GUERRERO
francisco.castillo@Copeland.com
T:
F:

Department **REYLAM - TOOL ROOM**
Equipment No. **GRINDTR04 LINEAR GRINDER (X0038)**
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. The condition of the grinding fluid is suitable for service.

SAMPLE INFORMATION

Lab Number	New	2312-00145	2310-00666	2309-00670
Date of Sample	(Typical)	28 Nov 2023	10 Oct 2023	14 Sep 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		39.0	37.4	36.6
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ABNORMAL	ABNORMAL

RATIO PER REFRACTOMETER

Refract. Reading		2.7	2.2	1.6
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	10:1	13:1	18:1

PH (ASTM E-70)

pH	Scale 0-14	8.9	8.8	8.7
Ratio Rec'd	oil:water	AS REC'D	AS REC'D	AS REC'D

HARDNESS (MG/L CaCO3)

Hardness (CaCO3)	mg/L	169.6	14.1	14.1
Grains		10.0	<1.0	<1.0

CIC CORROSION

CIC Dilution		AS REC'D	AS REC'D	AS REC'D
CIC Corrosion	%	0.0	0.0	0.0

BACTERIA COUNT (CLASS RANGE 0 TO 6)

Bacteria Class	Scale 0-6	0	1	1
----------------	-----------	----------	---	---

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
-------	--	------------	-----	-----

Customer Id: MOTMCA
Sample No.: EN23120145
Lab Number: 23120145
Test Package: TEST



To manage this report scan the QR code

To discuss the diagnosis or test data:
Brian Klutenkamper +1 (314)872-9540
bklutenkamper@englube.com

To change component or sample information:
Tracy Weaks +1 (314)872-9540
tweaks@englube.com

FUEL REPORT