

LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**
Equipment No. **PROTECH06 IHS ANNEAL QUENCH (X0075)**
System **Quenching Fluid**
Oil Type **ENGINEERED LUBRICANTS ENCOOL SOL-6465GF-ND-XL-RO (--- GAL)**

Diagnosis

{not applicable} There is no indication of any contamination in the quenching fluid. The condition of the quenching fluid is suitable for service.

Sample Information

Lab Number	New	2404-00441	2403-00255	2402-00422
Date of Sample	(Typical)	03 Apr 2024	06 Mar 2024	08 Feb 2024
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		43.0	42.1	41.3
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	NORMAL	NORMAL

RATIO PER REFRACTOMETER

Refract. Reading		3.2	3.4	2.9
Refract. Model		DIGITAL	DIGITAL	DIGITAL
Refract. Ratio	oil:water	8:1	8:1	9:1

pH (ASTM E-70)

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

HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	22.3	56.9	32.3
Grains		1.3	3.3	1.9

TOTAL AMINE

Total	mmol/gram	0.16	0.17	0.15
Tertiary	mmol/gram	0.11	0.11	0.10
Primary	mmol/gram	0.05	0.06	0.05

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

ENERGY DISPERSIVE XRF (*BELOW MINIMUM DETECTION LIMIT)

ppm Chlorine (Cl)	ppm	*	*	*
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Contamination

Water		NEG	NEG	NEG
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Customer Id: MOTMCA
Sample No.: EN24040441
Lab Number: 24040441
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT