

# LABORATORY ANALYSIS



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**EGS MEXICO S DE RL DE CV**  
VIA MONTERREY MATAMOROS NO 598  
MEXICO, ZZ  
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Department **CELDA DE ORDENES CORTAS(SHORT)**  
Equipment No. **K-104 VITORIA GAMOR (1) (00002)**  
System **Hydraulic System**  
Oil Type **ENGINEERED LUBRICANTS ENLUBE 15-AW (--- GAL)**

## DIAGNOSIS

## SAMPLE INFORMATION

Lab Number	New	<b>2312-00073</b>	---	---
Date of Sample	(Typical)	<b>13 Nov 2023</b>	---	---
Oil Added		<b>UNK</b>	---	---
Last Drain Date		<b>--</b>	---	---
Last Filter Service		<b>--</b>	---	---
Sample Point		<b>---</b>	---	---
Sample Status		<b>ABNORMAL</b>	---	---

## VISCOSITY @ 100F OR 40C (ASTM D-445)

SSU Vis. @ 100F	SSU	<b>207.2</b>	---	---
cSt Vis. @ 40C	cSt	32.0	<b>▲ 40.14</b>	---

## COLOR (BASED ON ASTM D1500 STANDARDS)

Color	Scale 0-8	<b>1.0</b>	---	---
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## PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>19/18/14	<b>21/19/16</b>	---	---
4 Micron & Larger	particles/ml	>5000	<b>▲ 11,550</b>	---	---
6 Micron & Larger	particles/ml	>2500	<b>▲ 3,567</b>	---	---
14 Micron & Larger	particles/ml	>160	<b>▲ 395</b>	---	---
21 Micron & Larger	particles/ml	>40	<b>▲ 99</b>	---	---
38 Micron & Larger	particles/ml	>10	<b>■ 3</b>	---	---
70 Micron & Larger	particles/ml	>3	<b>■ 0</b>	---	---

## ICP - OILS (REPORTED IN PARTS PER MILLION)

Aluminum (Al)	ppm	<b>&lt;5</b>	---	---
Antimony (Sb)	ppm	<b>&lt;5</b>	---	---
Cadmium (Cd)	ppm	<b>&lt;5</b>	---	---
Chromium (Cr)	ppm	<b>&lt;5</b>	---	---
Cobalt (Co)	ppm	<b>&lt;5</b>	---	---
Copper (Cu)	ppm	<b>■ 52</b>	---	---
Iron (Fe)	ppm	<b>■ &lt;5</b>	---	---
Lead (Pb)	ppm	<b>31</b>	---	---
Manganese (Mn)	ppm	<b>&lt;5</b>	---	---
Molybdenum(Mo)	ppm	<b>&lt;5</b>	---	---
Nickel (Ni)	ppm	<b>&lt;5</b>	---	---
Silver (Ag)	ppm	<b>&lt;5</b>	---	---
Tin (Sn)	ppm	<b>&lt;5</b>	---	---
Titanium (Ti)	ppm	<b>&lt;5</b>	---	---
Vanadium (V)	ppm	<b>&lt;5</b>	---	---
Barium (Ba)	ppm	<b>&lt;5</b>	---	---
Boron (B)	ppm	<b>&lt;5</b>	---	---
Calcium (Ca)	ppm	<b>43</b>	---	---
Magnesium (Mg)	ppm	<b>&lt;5</b>	---	---
Phosphorus(P)	ppm	<b>423</b>	---	---
Silicon (Si)	ppm	<b>&lt;5</b>	---	---
Zinc (Zn)	ppm	668	<b>▲ 407</b>	---
Sulfur (S)	ppm	<b>1,590</b>	---	---

Customer Id: ENC0005J03  
Sample No.: EN23120073  
Lab Number: 23120073  
Test Package: TEST



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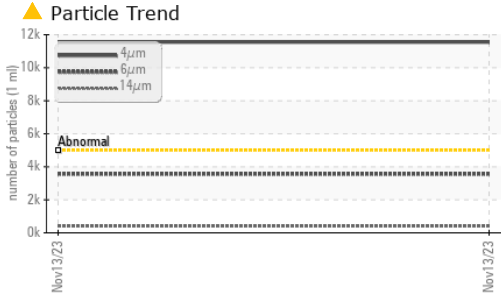
To discuss the diagnosis or test data:

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To change component or sample information:

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# OIL ANALYSIS REPORT



DR FERROGRAPHY READINGS				
L			8.6	---
S			1.7	---
WPC	DL + DS		10.3	---

CONTAMINATION				
Water	>0.05	<b>NEG</b>	---	---

