

# [[6100171084]] 2016118406 - DIESEL ENGINE

**Sample No:** WA0021279

**Oil Type:** CASTROL 15W40

## SAMPLE INFORMATION

Sample Number	<b>WA0021279</b>	---	---	---
Sample Date	<b>03 Apr 2024</b>	---	---	---
Machine Hours	<b>2</b>	---	---	---
Oil Hours	<b>2</b>	---	---	---
Oil Changed	<b>Changed</b>	---	---	---
Sample Status	<b>NORMAL</b>	---	---	---

**GLENCORE CANADA CORP. RAGLAN MINE**  
 120 AVENUE DE L'AEROPORT  
 ROUYN-NORANDA, QC  
 CA J9Y 0G1  
 Contact:

T:  
F:

## OIL CONDITION

Visc @ 100°C	cSt	<b>15.0</b>	---	---	---
Base Number (BN)	mg KOH/g	<b>9.03</b>	---	---	---
Oxidation (PA)	%	<b>51</b>	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

## CONTAMINATION

Water	%	<b>NEG</b>	---	---	---
Soot %	%	<b>0</b>	---	---	---
Nitration (PA)	%	<b>35</b>	---	---	---
Sulfation (PA)	%	<b>50</b>	---	---	---
Glycol	%	<b>NEG</b>	---	---	---
Fuel	%	<b>&lt;1.0</b>	---	---	---
Silicon	ppm	<b>8</b>	---	---	---
Sodium	ppm	<b>3</b>	---	---	---
Potassium	ppm	<b>&lt;1</b>	---	---	---

## WEAR METALS

Iron	ppm	<b>2</b>	---	---	---
Copper	ppm	<b>&lt;1</b>	---	---	---
Lead	ppm	<b>0</b>	---	---	---
Tin	ppm	<b>0</b>	---	---	---
Aluminum	ppm	<b>&lt;1</b>	---	---	---
Chromium	ppm	<b>0</b>	---	---	---
Molybdenum	ppm	<b>54</b>	---	---	---
Nickel	ppm	<b>0</b>	---	---	---
Titanium	ppm	<b>0</b>	---	---	---
Silver	ppm	<b>0</b>	---	---	---
Manganese	ppm	<b>&lt;1</b>	---	---	---
Vanadium	ppm	<b>0</b>	---	---	---

## ADDITIVES

Calcium	ppm	<b>1063</b>	---	---	---
Magnesium	ppm	<b>875</b>	---	---	---
Zinc	ppm	<b>1093</b>	---	---	---
Phosphorus	ppm	<b>958</b>	---	---	---
Barium	ppm	<b>0</b>	---	---	---
Boron	ppm	<b>5</b>	---	---	---

**Depot:** GLE120ROU  
**Unique No:** 5761884  
**Signed:** Kevin Marson  
**Report Date:** 17 Apr 2024

Contact/Location: ?? - GLE120ROU

# GRAPHS

