

Equipment - Component
FURGÓN CHEVROLET NKR IIIIE TRN216 - Engine - Diesel MOTOR

Site/Vessel Name - Code
COORDINADORA MERCANTIL MEDELLIN - 21636

Customer
COORDINADORA MERCANTIL

Manufacturer - Model
Isuzu - 4JJ1-TC

LubeAnalyst Code
11643096/EDU01

Registered Lubricant
Shell - Rimula R4 X 15W-40



Attention

Diagnosis

El aceite presenta Sílice (Si) en niveles de precaución, que proviene de arena o tierra que han entrado al motor y causan abrasión. Recomendamos revisar filtro de aire.

Sample Information

Sample Number 4913186823

Sample Condition



Sample Date 24/Mar/2021

Sample Received 09/Apr/2021

Sample Completed 11/Apr/2021

Lubricant in use Rimula R4 X 15W-40

Equipment Life 226575 (Kilometres)

Lubricant Life 8000 (Kilometres)

Top-up Volume

Physical Characteristics

Viscosity 100°C cSt 14.6

TBN (D 2896) mg KOH/g UTT*

TAN (D 664) mg KOH/g UTT*

Wear

Iron (Fe) ppm 6

Chromium (Cr) ppm 0

Tin (Sn) ppm 0

Lead (Pb) ppm 0

Copper (Cu) ppm 1

Nickel (Ni) ppm 0

Aluminium (Al) ppm 2

Vanadium (V) ppm 0

Silver (Ag) ppm 0

Titanium (Ti) ppm 0

Manganese (Mn) ppm 0

Contamination

Water (FT-IR) % 0.00

Glycol (FT-IR) % 0.00

Sodium (Na) ppm 7

Silicon (Si) ppm **!** 12

Fuel (FT-IR) % 0.00

Soot (FT-IR) Abs cm⁻¹ 0.11

Additives

Calcium (Ca) ppm 3577

Zinc (Zn) ppm 1323

Phosphorus (P) ppm 1220

Molybdenum (Mo) ppm 44

Magnesium (Mg) ppm 29

Boron (B) ppm 478

Oil Condition

Oxidation (FT-IR) Abs cm⁻¹ 0.02

Nitration (FT-IR) Abs cm⁻¹ 0.01

Sulfation (FT-IR) Abs cm⁻¹ 0.00