

# OASIS DATA

## Oil Analysis Severity Summary

N = Normal

O = Observe

M = Moderate

MH = Moderate High

S = Severe

Lab Number	Name	Description	Date	Severity
756142	2002 PRIUS TRANS	CHOY-FOONG WONG	07/21/2020	S

# OASIS DATA

## Oil Analysis Severity Report

Lab Number: 756142

Name: 2002 PRIUS TRANS

Date: 07/21/2020

Severity: **Severe**

**Recommended Action:**

Please provide ISO lube grade for the lubricant used in this unit. Consider changing the lubricant in this unit. Consider inspecting this unit for abnormal wear modes. Check for sources of abrasives entry.

**Data Interpretation:**

Several values have been flagged for observation. Abrasive contamination is suspected based on the silicon content.

**OASIS DATA**Severity: **(S) - Severe****Oil Analysis Data Sheet Report**

Sample ID: 2002 PRIUS TRANS

Description: CHOY-FOONG WONG

Manufacturer:

Oil Type:

Grade:

Lab Number	Sample Date	Unit/Lube Hours	Units	756142 07/21/20 1413/0
<b>WEAR ELEMENTS</b>				
Iron	Fe	ppm		692
Chromium	Cr	ppm		11
Molybdenum	Mo	ppm		0
Aluminum	Al	ppm		61
Copper	Cu	ppm		550
Lead	Pb	ppm		42
Tin	Sn	ppm		23
Silver	Ag	ppm		0
Nickel	Ni	ppm		50
Vanadium	V	ppm		0
Titanium	Ti	ppm		2
Manganese	Mn	ppm		7
Cadmium	Cd	ppm		0
<b>CONTAMINANT ELEMENTS</b>				
Silicon	Si	ppm		375
Sodium	Na	ppm		6
Boron	B	ppm		48
<b>ADDITIVE ELEMENTS</b>				
Magnesium	Mg	ppm		6
Calcium	Ca	ppm		356
Barium	Ba	ppm		10
Phosphorus	P	ppm		241
Zinc	Zn	ppm		47
<b>NON-METALLIC CONTENT</b>				
Water		% vol		Nil
Solids		% vol		<0.1
<b>LUBE DATA</b>				
Viscosity @ 40'C		cSt		26.4
Viscosity @ 100'C		cSt		5.1
<b>ADDITIONAL TESTS</b>				
Viscosity Index				123

**Recommended Action:**

Please provide ISO lube grade for the lubricant used in this unit. Consider changing the lubricant in this unit. Consider inspecting this unit for abnormal wear modes. Check for sources of abrasives entry.

**Data Interpretation:**

Several values have been flagged for observation. Abrasive contamination is suspected based on the silicon content.