



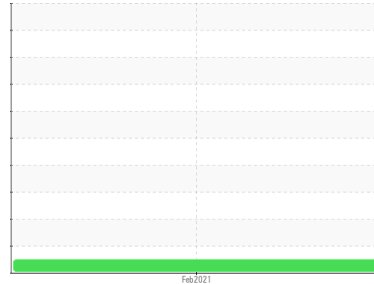
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**Pacifico Industrial Base Line chevron 15W40**  
 Component  
**New (Unused) Oil**  
 Fluid  
**CHEVRON DELO 400 MULTIGRADE 15W40 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: Base line for PISA2 Pacifico Industrial )

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

### Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>KL0006034</b>	---	---
Sample Date	Client Info		<b>28 Feb 2021</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	<b>2</b>	---	---
Chromium	ppm	ASTM D5185m	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m	<b>0</b>	---	---
Silver	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	<b>0</b>	---	---
Antimony	ppm	ASTM D5185m	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	151	<b>377</b>	---
Barium	ppm	ASTM D5185m	0.4	<b>0</b>	---
Molybdenum	ppm	ASTM D5185m	250	<b>119</b>	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	---
Magnesium	ppm	ASTM D5185m	0	<b>635</b>	---
Calcium	ppm	ASTM D5185m	2046	<b>1578</b>	---
Phosphorus	ppm	ASTM D5185m	1043	<b>745</b>	---
Zinc	ppm	ASTM D5185m	943	<b>747</b>	---
Sulfur	ppm	ASTM D5185m	5012	<b>2055</b>	---

## CONTAMINANTS

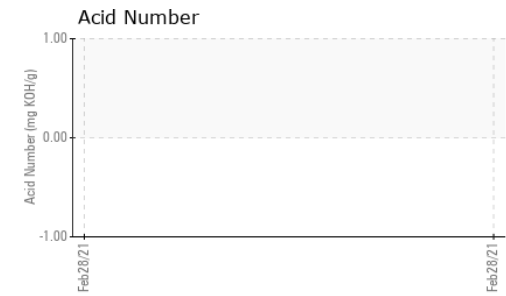
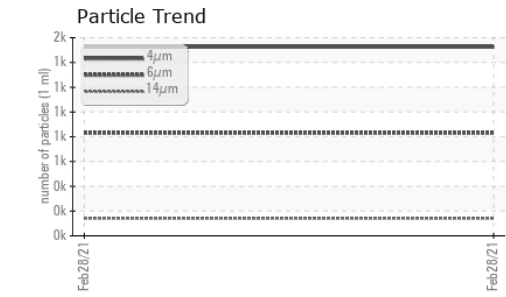
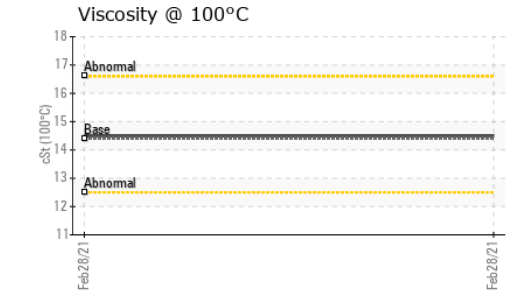
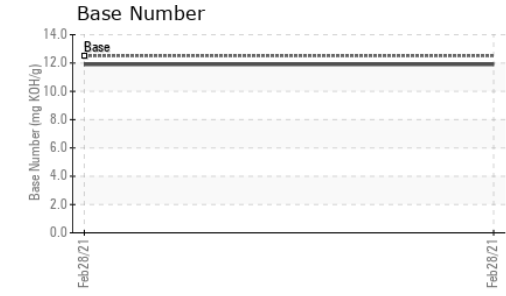
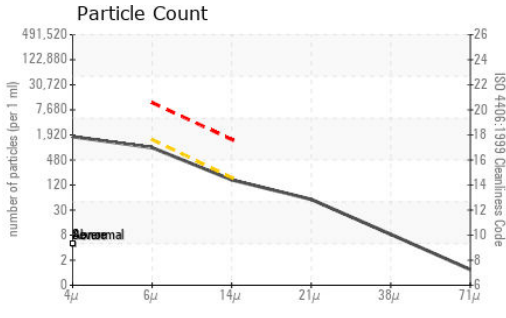
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		<b>8</b>	---
Sodium	ppm	ASTM D5185m		<b>0</b>	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	---

## INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		<b>0.1</b>	---
Nitration	Abs/cm	*ASTM D7624		<b>4.5</b>	---
Sulfation	Abs./1mm	*ASTM D7415		<b>23.4</b>	---



# OIL ANALYSIS REPORT



FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		<b>1525</b>	---	---
Particles >6µm	ASTM D7647	>1300	<b>831</b>	---	---
Particles >14µm	ASTM D7647	>160	<b>141</b>	---	---
Particles >21µm	ASTM D7647	>40	<b>48</b>	---	---
Particles >38µm	ASTM D7647	>10	<b>7</b>	---	---
Particles >71µm	ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>17/14	<b>17/14</b>	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm *ASTM D7414		<b>15.7</b>	---	---
Base Number (BN)	mg KOH/g ASTM D2896	12.5	<b>11.9</b>	---	---

VISUAL	method	limit/base	current	history1	history2
White Metal	scalar *Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar *Visual	NONE	<b>NONE</b>	---	---
Precipitate	scalar *Visual	NONE	<b>NONE</b>	---	---
Silt	scalar *Visual	NONE	<b>NONE</b>	---	---
Debris	scalar *Visual	NONE	<b>LIGHT</b>	---	---
Sand/Dirt	scalar *Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar *Visual	NORML	<b>NORML</b>	---	---
Odor	scalar *Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar *Visual		<b>NEG</b>	---	---
Free Water	scalar *Visual		<b>NEG</b>	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt ASTM D445	14.4	<b>14.5</b>	---	---

### SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : KL0006034  
**Lab Number** : 05199625  
**Unique Number** : 9394936  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBN, VI

**Received** : 09 Mar 2021  
**Tested** : 11 Mar 2021  
**Diagnosed** : 11 Mar 2021 - Jonathan Hester

**CONOR**  
 JUAREZ 348  
 HERMOSILLO,  
 MX 83140

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)