



## CPI's Compressor Lubrication Parts & Field Service

Let our skilled technicians complete a Lubrication Survey of your unit(s) highlighting:

- Your **cost savings** for correcting over or under lubrication of unit(s)
- How to **improve reliability** and **running time**

We offer field service evaluations and repair across Canada on all makes and models of natural gas compressors and VRU units.

### Actual Customer Oil Savings:

- Completely re-designed lubrication system: **Saving \$21,735/year\*** (See other side)
- Recalculate lubrication rate: **Saving \$17,640/year\***

\*Calculations based on \$3 per L

Have one of our highly trained Field Service Technicians come out to your site, evaluate and give you recommendations to extend your compressor life and reduce downtime.

**CPI has quality engineered lubrication parts on-hand for all of your compressor needs.**

We've got you covered with our updated highly competitive pricing on quality lubrication products such as lubrication boxes, Proflo® PF1 monitoring devices and Proflo® EOS self adjusting lubrication pump.

Contact one of our locations for more information today.



Contact us:

Edmonton – 1-780-468-5145

Medicine Hat – 1-403-529-5111

Email: [EdmontonService@CPICompression.com](mailto:EdmontonService@CPICompression.com)



Proven Solutions for the Global Compression Industry™

CPI prides itself on its unique approach to developing new compressor valve concepts and non-metallic materials used in the production of valves, piston rings, rider rings, packing and oil wipers. Our application expertise has transformed the performance and reliability of reciprocating compressors in a wide range of applications around the world.

[www.CPIcompression.com](http://www.CPIcompression.com)

**CPI SERVICE - EDMONTON**

6308 DAVIES RD. NW, EDMONTON, AB T6E 4M9  
(780)468-5145

**CPI SERVICE - MEDICINE HAT**

1954 10TH AVE. NW, Medicine Hat, AB T1C 1T5  
(403) 529-5111

Name EXAMPLE  
Date EXAMPLE  
Contact JOHN DOE  
Location EXAMPLE PLANT  
L.S.D 00-00-00-00 W5  
UNIT # K-2000

	Make	Ariel	Throw #1
#2 Throw	Model	JG K/4	11.000 "
6.750 "	SN#	EXAMPLE	2,307 KPA
6,016 KPA	RPM	1,200	
	Stroke	5.500	Throw #3
#4 Throw	Rod dia	2.000	11.000 "
6.750 "	H2S %	sweet	2,307 KPA
6,016 KPA			

RATE FOUND @		CYCLE	Pints
Throw	RPM	TIME	per day
1 & 3	1,200	5.0	36.00
2 & 4	1,200	5.0	39.60

**THROWS 2 & 4**

#4 bot cyl	HP- 12 T	#4 top cyl
#2 top cyl	HP- 12 T	#2 bot cyl
#2 packing	HP- 9 T	#4 packing

**THROWS 1 & 3**

#1 bot cyl	HP- 9 T	#1 top cyl
#3 top cyl	HP- 9 T	#3 bot cyl
#3 packing	HP- 12 T	#1 packing

**Cycle Time Tag @ 13 Seconds**

**Cycle Time Tag @ 11 Seconds**

**RECOMMENDED CYCLE TIME**

UNIT RPM	CYCLE TIME	US pints Per day	Liters Per day
1,200	13.0	15.23	7.20
1,150	13.6	14.60	6.90
1,100	14.2	13.96	6.60
1,050	14.9	13.33	6.30
1,000	15.6	12.69	6.00

**RECOMMENDED CYCLE TIME**

UNIT RPM	CYCLE TIME	US Pints Per day	LITERS Per day
1,200	11.0	16.36	7.74
1,150	11.5	15.68	7.42
1,100	12.0	15.00	7.10
1,050	12.6	14.32	6.77
1,000	13.2	13.64	6.45

Lube Box	Inspect	# Ariel duel station
Lube Pump	Inspect	3/8 " # premier #91223
Oil type & feed	Inspect	COMP FEED - HDAX 9200 SLIP STREAM
Rupture assy.	Inspect	3/8 PURPLE DISC
L.P Filter	Inspect	90M OEM
H.P Filter	NA	NOT USED
Shut down	Inspect	PROX AND PANEL
Divider Blocks	Inspect	ARIEL
Cycle Indicator	NA	INSTALLED ONE ON LB BLOCK TO CONFIRM PANEL
Pin indicators	NA	NO
Outlet Check	Inspect	\$B (Trabon #509-850-030)
Check Valves	Inspect	1/4"(F) rtp # A-3780
Spare parts	NA	

**Oil Savings 20.70 Liters/Day 7,245 Liters per year \$21,735.00 at \$3 per L**

Lube box/ pump **Need to install regulator in slip stream. 30PSI max.**

Rupture assy.	Could not check with unit running.
L.P/H.P filters	Could not check with unit running.
Shut down	Could not check with unit running.
Divider Blocks	Look original, should be changed
Check Valves	Look original, should be changed