



Ariel Lubrication Sheet

Company: Enerflex Ltd.
 Order #: 62599 (AP024167)
 Case 1:

Customer: ENERFLEX RENTAL
 Inquiry:
 Project: 1020100-1

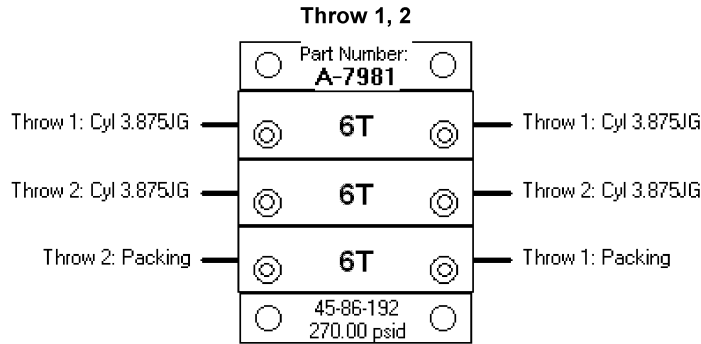
ENERFLEX

Frame: JGA/2 Stroke, in: 3.00 Rod Dia, in: 1.125 Frame S/N: F16584
 Gas Stream: Natural Gas (Water Saturated and Carbon Dioxide > 2% to 10%)

Throw	Cylinder Model	MAWP psig	Service	Stage #	Suct Press psia	Disch Press psia	Serial No.
1	3.875JG	1270.0	Service 1	1	232.67	772.67	C140085
2	3.875JG	1270.0	Service 1	1	232.67	772.67	C140086

Applied Speed, RPM	1800
Cycle Time at Applied Speed, sec	23.0 (see chart, lower right)
Break-In Cycle Time, sec	12.0 (For period of 200 hours)
Recommended lubricant (mineral oil) for application and pressures	<u>SAE 40-50 wt (ISO 150-220)</u>

Rupture Disc	Purple 3250.00 psig, 0.250 in hole dia.
Lubricator Pump Diameter	3/16" (0.1875 in)
Qty of Pumps feeding this block	1
Recommended base feed rate	0.30 Pints/day/in of bore diameter



Lube Point Description	Base Rate Multiplier	Recommended Pints/day	Delivered Pints/day	Del/Rec
Throw 1: Cylinder 3.875JG	1.25	0.73	0.78	107%
Throw 1: Cylinder 3.875JG	1.25	0.73	0.78	107%
Throw 2: Cylinder 3.875JG	1.25	0.73	0.78	107%
Throw 2: Cylinder 3.875JG	1.25	0.73	0.78	107%
Throw 2: Packing	1.25	0.84	0.78	93%
Throw 1: Packing	1.25	0.84	0.78	93%

RPM	Cycle Time, sec		Pints/day	
	Normal	Break-In	Normal	Break-In
1800	23.0	12.0	4.7	9.0
1700	24.4	12.7	4.4	8.5
1600	25.9	13.5	4.2	8.0
1500	27.6	14.4	3.9	7.5
1400	29.6	15.4	3.7	7.0
1300	31.8	16.6	3.4	6.5
1200	34.5	18.0	3.1	6.0
1100	37.6	19.6	2.9	5.5
1000	41.4	21.6	2.6	5.0
900	46.0	24.0	2.3	4.5

****NOTE:** Ariel suggests that delivered/recommended amount for cylinders and packings be within 90 - 125%. These recommendations are general guidelines. If the lubricants or flow rates do not appear to work adequately, flow rates and/or lubricant types may need to be changed. Please contact the lubricant supplier for specific lubricant recommendations. See Section 6.0 of the Ariel Packager Standards for more information.