

## Case Study

### Rockwool Thailand

Location: Maptaput, Rayong

Contact Name: Mr.Prajuab

Test Product:

- Metachain GW-410
- Kluber CH2-100
- Lubrilog Estar 250 Super Plus

Machine: GASCO, GCD International Australia.

1 machine, 1 line, 4 burner, Temp.  $<200^{\circ}\text{C}$  and Length 22m



Before Test:



Cleaning:



The Period Time: 1 campaign is 6 days

Oil Brand Kluber CH2-100										
Visit Date	Product type	Product thickness/mm	Amp/ A		Line Speed/ foot per minute		Spray Rate			
			Bottom oven	Top oven	Bottom oven	Top oven	Top Right	Top Left	Bottom Right	Bottom Left
6/7/2016	Board	150	24.97	32.75	32.8	45.1	380:380	380:380	380:380	380:380
7/7/2016	Packet	200	24.65	34.24	43.3	40.1	380:380	380:380	380:380	380:380

  

Exiting chain temperature / °C				Note
Top left	Bottom left	Top right	Bottom right	
161.1	152.2	184.8	160.1	
165.2	160.1	175.5	166.7	

Metachain GW-410										
Product type	Product thickness/mm	Amp/ A		Line Speed/ foot per minute		Spray Rate				
		Bottom oven	Top oven	Bottom oven	Top oven	Top Right	Top Left	Bottom Right	Bottom Left	
Board	150	34.5	30.6	27.9	26.6	350:350	350:350	350:350	350:350	
<b>Maintenance</b>										
Packet	200	32.5	31.1	26.5	26.8	300:350	300:350	300:350	300:350	
Board	150	24.65	28.6	34.7	32.7	300:350	300:350	300:350	300:350	

  

Exiting chain temperature / °C				Note
Top left	Bottom left	Top right	Bottom right	
144.5	147.8	150.6	154.3	1 Pail (25 Liters)
<b>Maintenance</b>				
160.6	166.5	170.4	172	1 Pail (25 Liters)
160.7	164.2	172.4	170.1	

The Period Time: 1 campaign is 6 days

Oil Brand	Lubrilog	Estar 250 Super Plus	Amp/ A		Line Speed/ foot per minute		Spray Rate			
Visit Date	Product type	Product thickness/mm	Bottom oven	Top oven	Bottom oven	Top oven	Top Right	Top Left	Bottom Right	Bottom Left
			4/7/2016	Board	150	24.4	32.5	32.5	30.6	350:350
5/7/2016	Board	150	25.5	35.8	29.8	28.5	350:350	350:350	350:350	350:350
Exiting chain temperature / °C				Note						
Top left	Bottom left	Top right	Bottom right	Sample 20 liters Free						
162	158	164	155							
174	170	165	172							

Consumption:

- GW-410 = 45 liters/1 campaign
- CH2-100 = 50 liters/1 campaign
- 250 Super Plus = 20 liters/2.5 days

