



Peak Amps Reduced by 1.85% Using Schaeffer's 271 Grease

Machinery: 2-1/2 Ton Stroke Tables on Gabler Thermoforming Lines 1, 3, 4, 5 & 6
Protocol: Maintenance personnel recorded the peak amperage readings from a set of six consecutive cycles of the stroke tables on a daily basis.
Lubricants: Initial readings were taken on lines 1, 3, 4 & 5 between February 29, 2008 and April 4, 2008 while Fuchs Gerallyn grease was in use. Follow up readings were taken on these lines between April 7, 2008 and June 3, 2008 while Schaeffer's 271 Synthetic Food Grade grease was in use.
Results: Amperage pulled by the electric motors powering the stroke tables was reduced by an average of 1.85% after switching to Schaeffer's grease.
NOTES: "NR" indicates that readings were not recorded for a particular line on a given day.
 Line 2 is not included in the study because it had been converted over to the Schaeffer grease prior to the start of recording amperage readings.
 Line 6 was converted over to Schaeffer before the other lines. It was changed over on January 28th.

Fuchs Gerallyn Grease

Date	Line 1	Line 3	Line 4	Line 5	Line 6
Jan 10, 2008					119.34
Jan 14, 2008					114.84
Jan 15, 2008					116.99
Feb 29, 2008	NR	115.23	121.68	121.68	
Mar 3, 2008	NR	112.31	122.46	113.48	
Mar 4, 2008	NR	115.23	121.29	113.87	
Mar 5, 2008	NR	114.26	120.7	119.73	
Mar 6, 2008	NR	125	NR	125.39	
Mar 7, 2008	NR	114.06	123.24	117.19	
Mar 17, 2008	NR	118.64	118.36	119.92	
Mar 18, 2008	NR	115.82	119.73	116.21	
Mar 19, 2008	NR	114.26	117.19	116.6	
Mar 20, 2008	NR	117	125.59	121.88	
Mar 21, 2008	NR	120.31	121.48	119.92	
Mar 24, 2008	120.51	114.84	120.12	116.02	
Mar 26, 2008	123.83	122.85	118.95	119.34	
Mar 27, 2008	121.09	119.34	119.53	NR	
Mar 28, 2008	124.22	NR	117.58	NR	
Apr 1, 2008	118.16	118.75	118.16	NR	
Apr 2, 2008	118.36	114.84	118.95	NR	
Apr 4, 2008	120.9	116.41	125	NR	
AVERAGE	121.01	117.01	120.59	118.56	117.06

Schaeffer's 271 Grease

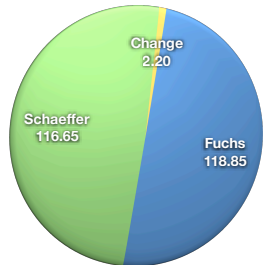
Date	Line 1	Line 3	Line 4	Line 5	Line 6
Jan 28, 2008					111.91
Jan 29, 2008					108.2
Jan 30, 2008					108.48
Apr 7, 2008	123.44	118.36	117.19	NR	114.26
Apr 8, 2008	126.17	117.38	119.73	NR	114.26
Apr 10, 2008	120.9	NR	119.34	118.95	114.45
Apr 15, 2008	123.24	122.27	NR	NR	NR
Apr 16, 2008	124.02	120.7	NR	NR	118.16
Apr 17, 2008	123.24	116.6	NR	120.12	NR
Apr 21, 2008	117.58	111.72	NR	NR	117.38
Apr 23, 2008	120.51	112.7	115.63	NR	NR
Apr 28, 2008	116.78	NR	117.97	NR	NR
Apr 29, 2008	117.58	117.97	120.31	114.26	NR
Apr 30, 2008	119.53	112.5	114.06	116.78	NR
May 2, 2008	121.09	118.95	118.75	116.02	NR
May 15, 2008	120.22	117.38	118.16	NR	NR
May 16, 2008	120.7	115.43	118.55	NR	NR
May 23, 2008	NR	118.95	116.41	116.41	NR
May 27, 2008	116.02	112.5	113.28	116.21	NR
May 29, 2008	118.75	113.09	115.63	117.58	NR
Jun 3, 2008	119.92	113.28	116.21	118.16	NR
AVERAGE	120.57	116.24	117.23	117.28	111.93

Changes in Amperage by Line

	Line 1	Line 3	Line 4	Line 5	Line 6
Fuchs	121.01	117.01	120.59	118.56	117.06
Schaeffer	120.57	116.24	117.23	117.28	111.93
Amperage Reduction	0.44	0.77	3.36	1.28	5.13
% Savings	0.36%	0.66%	2.79%	1.08%	4.38%

Final Amperage Averages

	Fuchs	Schaeffer	Change	Avg Savings
Line 1	121.01	120.57	0.44	0.35%
Line 3	117.01	116.24	0.77	0.66%
Line 4	120.59	117.23	3.36	2.79%
Line 5	118.56	117.28	1.28	1.08%
Line 6	117.06	111.93	5.13	4.38%
AVERAGE	118.85	116.65	2.20	1.85%



Average Reduction of 2.2 Amps Using Schaeffer's

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