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CANADA

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS

+ + + Industry and Merchandising Division + + +

GENERAL MANUFACTURES SECTION

MONTHLY REPORT

ON

CONSUMPTION,

PRODUCTION AND INVENTORIES

OF RUBBER

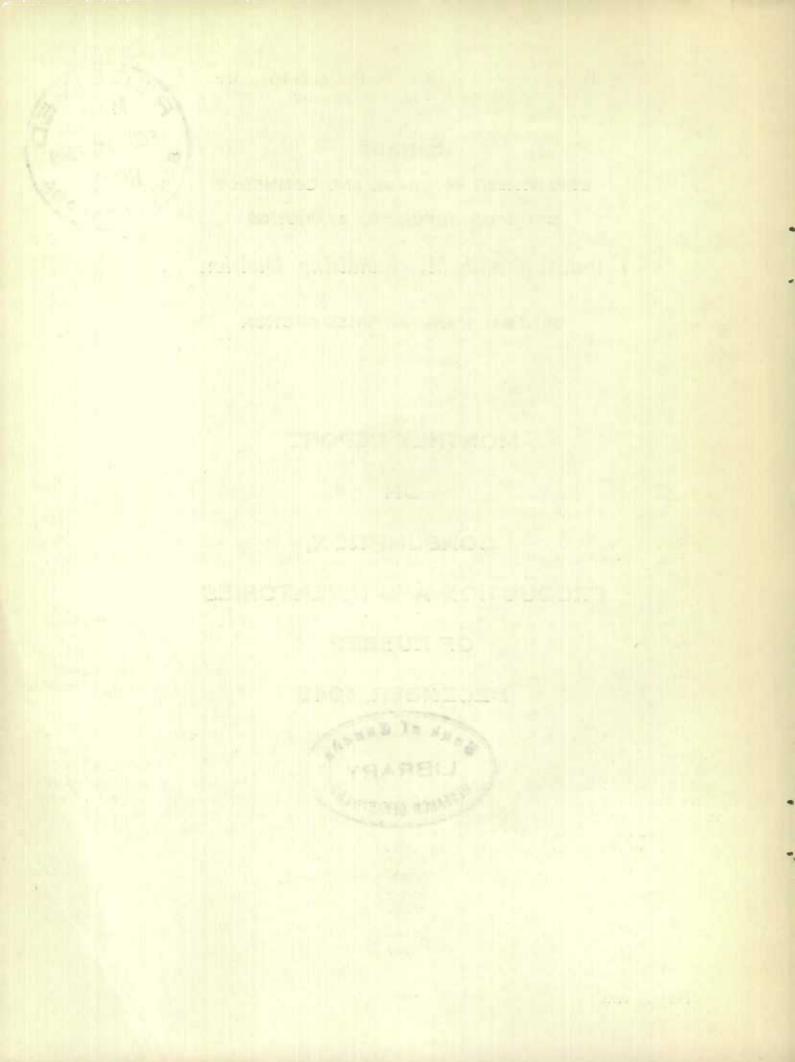
DECEMBER, 1948





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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS GENERAL MANUFACTURES SECTION OFTAMA - CANADA

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CONSUMPTION, PRODUCTION AND INVENTORIES OF RUBBER

DECEMBER 1948.

The statistics made available monthly in this report are considered only to represent clearly and accurately (a) the new domestic production of synthetic and reclaim rubber, and the inventories of firms reporting this production, and (b) the total consumption of all types of rubber, natural, synthetic and reclaim, whether foreign or domestic, by broad end product use groupings, together with inventories, receipts and sales of rubber by consuming manufacturers in all industries. The additions of the two inventories gives the total stocks held by industry.

It is regretted that comparable export-import data cannot be secured each month, and that, therefore, the total available supply is not accurately know. However, the data given in (b) do ultimately account for the total consumption of rubber in Canada, and should be capable of being correlated with new production and exportimport data (as compiled by the External Trade Branch, D.B.S.) over a period of months.

Consumption of rubber in December as compared with November, decreased as follows: natural 347,990 pounds, synthetic 26,395 pounds, and reclaim 50,467 pounds, the total decrease being 424,852 pounds. Considering the situation in terms of end product use, it may be noted that the consumption of all rubber in the production of tires and tubes, including tire repair material, decreased by 272,251 pounds, consumption in rubber footwear decreased by 216,707 pounds, in wire and cable decreased by 69,620 pounds, and in other products increased by 133,726 pounds, making the total decrease of 424,852 pounds mentioned above.

Section A. Canadian Rubber Balance Statement

This section includes summary data on natural, synthetic and reclaim rubber, showing stocks, domestic production and domestic consumption. For more detailed data of consumption by specific types and by end products classifications, wherever possible, see Section B, Natural Rubber, Section C, Synthetic Rubber; and Section D, Reclaim Rubber.

fable 1.- Summary Statement of all Rubber Stocks, Domestic Production, Domestic Consumption showing Monthly Averages, 1939 - 1947, and Actual Monthly Totals, January 1947 - December 1948.

	Weights a	re given	in Lon	g Tons (2	2,240 por	unds)	R. LTC	
Period	Stocks,	End of H	eriod	Product		Con	sumption	
	Natural	Syn- thetic	Re- cl aim	Syn- thetic	ke_ claim	Natural	Syn thetic	Re- claim
Monthly Averages								
1939 1940 1941 1942 1943 1944 1945 1946 1947 1947 - January March May June July August September October November December	n.a. n.a. n.a. s,165 5,399 3,703 3,662 6,992 3,729 2,876 4,473 7,187 9,992 10,108 10,045 9,679 8,129 7,167 5,260 5,264 5,739 5,704 5,585	n.a. n.a. n.a. 2,292 3,641 4,107 5,592 4,333 4,316 4,551 5,344 5,473 4,953 4,953 4,488 3,733 4,269 3,349 3,475 3,846 4,200 3,921 4,062 3,862	n.a. n.a. 4,560 4,822 3,516 2,219 2,786 2,672 3,195 3,114 2,872 2,931 2,772 2,599 2,629 2,629 2,680 2,451 2,440 2,093 2,282 2,246 2,162 2,041	- 210 2,902 3,810 4,248 3,533 4,248 3,533 4,248 3,533 4,408 4,024 4,466 4,628 3,467 3,392 3,480 3,533 1,944 3,034 2,953 3,064 3,648 3,388 3,560	- 392 263 276 331 344 329 330 360 360 360 359 334 225 298 337 424 372 397 371 388 427	2,635 3,083 4,436 3,512 2,434 799 491 792 2,690 2,153 2,224 2,640 2,153 2,224 2,440 2,476 2,643 2,643 2,643 2,643 2,643 2,643 2,643 2,226 3,330 3,216 3,314 3,458 3,474 3,882	- 307 2,061 2,995 2,468 2,432 3,195 2,823 2,876 2,942 2,889 2,540 2,059 1,719 2,113 2,080 1,962 1,980 2,081 1,886 1,797	626 703 789 1,042 1,166 1,052 1,276 1,178 1,360 1,533 1,463 1,570 1,533 1,463 1,570 1,533 1,463 1,570 1,395 1,438 1,299 1,120 983 1,397 1,417 1,314 1,339 1,216 1,359
April May June July August September . October November December	5,833 5,400 5,177 5,478 6,821 6,634 7,710 6,118 5,827	4,074 5,337 5,252 5,323 4,972 4,869 3,802 3,802 3,570 4,336	2,181 2,338 2,185 1,916 2,070 1,820 1,751 1,689 1,829	2,787 3,647 2,841 2,750 2,720 4,146 2,959 3,990 4,019	391 382 368 210 359 344 851 375 357	3,694 3,328 3,762 2,909 2,571 3,363 3,522 3,880 3,724	1,865 1,588 1,771 1,402 1,301 1,611 1,651 1,806 1,795	1,172 1,020 1,203 951 752 1,116 1,175 1,203 1,180

Table 2 (a). - NEW SUPPLY. Statement of Manufacturers producing Synthetic and Reclaim (Neight in Long Tons)

Type of Hubber	Inventory December 1, 1948	Production	Inventory December 31, 1948
Natural Hubber -			
Crude Rubber		_	
Natural Latex	39	-	66
Fotal Natural Rubber	39		66
Synthetic Rubber -			
Buna-S, Solid	1,561	2,793	2,138
Buna-5, Latex	93	131	94
Buna-N, Solid	21	71	24
Butyl, Solid	459	1,024	804
Neoprene	40		57
All other	-		-
Total Synthetic Rubber	2,174	4,019	3,117
Total Natural and Synthetic	2,213	4,019	3,183
Reclaim Rubber -			
Dispersions	37	17	37
Other than dispersions	296	340	336
Total Reclaim Rubber	333	357	373
GRAND TOPAL	2,546	4,376	3,556

Table 2 (b).-CONSUMPTION. Statement of Manufacturers Consuming Rubber

(Weight in Long Tons)					
Type of Rubber	Inventory December 1. 1948	Receipts (imports, etc.)	Con- sumption	Sales (exports, etc.)	Inventor, December 31, 1948
Natural Rubber -					0.41
Crude kubber	5,903	3 346	7 617	DC	E 500
Natural Latex	176	3,346 136	3,613	76	5,560
Total Natural Rubber	6,079	3,482	111 3,724	76	201
Synthetic Rubber -				1000	
Buna-S, Solid	1,082	1,286	1,452	-	916
Buna-S, Latex	81	74	57	13	85
Buna-N, Solid	4	3	3	-	4
Butyl, Solid	103	188	201	-	90
Neoprene	112	69	77	-	104
All other	14	13	5	2	20
fotal Synthetic Rubber	1,396	1,633	1,795	15	1,219
Total Natural and Synthetic	7,475	5,115	5,519	91	6,980
Reclaim Rubber-					
Dispersions	35	29	40	-	24
Other than dispersions	1,321	1,251	1,140	-	1,432
Total Reclaim Rubber	1,356	1,280	1,180	-	1,456
RAND TOPAL	8,831	6,395	6,699	91	8,436

Table 3(a). - Consumption of all Rubber, by Main Types and by End Product Classification, December 1948.

End	Products	Natural	Synthetic	Reclaim	Total All Rubber
		Pounds	Pounds	Pounds	Pounds
1.	Tires and tubes, including tire repair materials	6,116,563	2,882,919	1,420,678	10,420,160
2.	Wire and cable	119,611	212,998	17,393	350,002
3.	Footwear (including heels, soles, etc.)	818,809	287,239	148,798	1,254,846
4.	Other products	1,288,064	637,715	1,056,444	2,982,223
	TOPAL	8,343,047	4,020,871	2,643,313	15,007,231

Table 3(b). - Consumption of All Rubber, by Main Types and by End Product Classification, November 1948.

End	Products	Natural	Synthetic	Reclaim	fotal All Rubber
1.	Tires and tubes, including	Pounds	Founds	Pounds	Pounds
	tire repair materials,	6,478,869	2,831,759	1,381,783	10,692,411
2.	Wire and cable	134,265	259,010	26,347	419,622
3.	Footwear (including heels, soles, etc.)	900,873	338,351	232, 329	1,471,553
A					
4.	Other products	1,177,030	618,146	1,053,321	2,848,497
_	TOTAL	8,691,037	4,047,266	2,693,780	15,432,083

Tire repair materials, now included with tires and tubes, and mechanical goods, now included with other products, were shown separately previous to January 1948. The present grouping is by arrangement with the Rubber Association of Canada.

Section B. Natural Rubber

The November and December, 1948, consumption of Natural Rubber showing crude rubber and natural latex separately, and arranged according to end products classifications, is shown in Tables 6(a) and 6(b).

Summary Data, by months, January 1947 to December 1948, are shown in Table 5, and 1939 - 1948 yearly totals, monthly averages and percentages of natural rubber to all rubber consumed, are given in Table 4. Crude rubber and natural latex do not appear separately in summary tables, but are combined under the heading "Natural".

For summary data on Synthetic, Natural and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1. However, when comparing monthly consumption of natural rubber, as given in Table 1, with consumption as shown in detailed tables by end product classification, it should be noted that in Table 1, Guayule Rubber is reduced to a deresinated basis, whereas in the detailed tables it is included at the weight reported by the firms. Commencing with March 1, 1947, poundage of Guayule included in all tables is on a deresinated basis, and totals should, therefore, agree.

Year	Total	Monthly Average	Percentage to All Rubber
	Pounds	Pounds	Per cent
1939	70,828,800	5,902,400	80.8
1940	82,871,040	6,905,920	81.4
1941	119,239,680	9,936,640	84.9
1942	94,402,560	7,866,880	77.1
1943	65,425,920	5,452,160	62.3
1944	21,477,120	1,789,760	20.4
1945	13,198,080	1,099,840	10.3
1946	21,459,268	1,788,273	17.8
1947	72,294,000	6,024,500	41.5
1948	93,113,676	7,759,473	54.8

Table 4. - Consumption of Natural Rubber in Total, showing Monthly Averages 1939-1948 and percentages of Natural to All Rubber consumed.

Table 5. - Consumption of Natural Rubber in Total, by End Products, and by Months, January 1947 to December 1948, showing also percentage of Natural to All Rubber Consumed.

		Natural		Used in the manufacture of -				
Month	Total	Percentage of All Rubber	Tires and Tubes	Repair Materials	Mechanical Goods	Wire and Cable	Footwear	Other Products
	000's pounds	per cent	000's pounds	pounds	000's pounds	000*s pounds	000's pounds	000's pounds
1947 - January	4,824	31.3	3,925	56	256	20	436	130
February		34.2	3,990	50	290	24	507	119
March		35.4	4,275	42	323	22	624	178
April		36.3	4,375	42	302	25	612	190
May		37.9	4,473	30	354	35	792	237
June	-	40.6	4,361	39	387	45	788	265
July		43.3	4,133	36	410	14	641	214 (
August		44.8	3,285	38	366	36	962	222 0
September .		47.9	5,240	47	581	53	991	316 1
October	-	48.9	5,348	56	701	83	939	332
November		48.8	5,303	56	593	59	884	31.0
December		50.1	5,545	57	623	92	813	292
1948 - January	7,744	50.3	5,636	(1)	(2)	88	898	1,122
February	-	52.8	5,743	(1)	(2)	71	958	1,010
March		55.2	6,215	(1)	(2)	90	1,115	1,275
April	-	54.9	5,952	(1)	(2)	102	1,130	1,091
May		56.1	5,264	(1)	(2)	80	1,047	1,066
June		55.8	6,189	(1)	(2)	91	1,057	1,089
July	-	55.3	5,126	(1)	(2)	46	615	728
August		55,6	4,144	(1)	(2)	68	667	880
September .		55.2	5,474	(1)	(2)	89	757	1,214
October		55.5	5,717	(1)	(2)	92	914	1,166
November		56,3	6,479	(1)	(2)	134	901	1,177
December		55.6	6,116	(1)	(2)	120	819	1,288

(1) Included with "tires and tubes".

(2) Included with "other products".

End	Products	Natural Rubber (excluding latex)	Latex	Total Natural
		Pounds	Pounds	Pounds
1.	Tires and tubes, including tire repair materials	6,092,871	23,692	6,116,563
2.	Wire and cable	119,611		119,611
3.	Footwear (including heels, soles, etc.)	818,167	642	818,809
4.	Other products	1,062,242	225,822	1,288,064
	TOFAL	8,092,891	250,156	8,343,047

Table ô(a). - Consumption of Natural Rubber, by types and by End Product Classification, December 1948.

Table 6(b) .- Consumption of Natural Rubber, by Types and by End Product Classification, November 1948.

End	Products	Natural Rubber (excluding latex)	Latex	Total Natural
		Pounds	Pounds	Pounds
1.	Tires and tubes, including tire repair materials	6,454,767	24,102	6,478,869
2.	Wire and cable	134,265	-	134,265
3.	Footwear (including heels, soles, etc.)	899,239	1,634	900,873
4.	Other products	966,052	210,978	1,177,030
	TOTAL	8,454,323	236,714	8,691,037

Tire repair materials, now included with tire and tubes, and mechanical goods, now included with other products, were shown separately previous to January 1948. The present grouping is by arrangement with the Rubber Association of Canada.

Section C. Synthetic Rubber

The November and December 1948 consumption of Synthetic Rubber is shown by type, and by end products classification, in Table 10.

Summary data, by months, are shown in Tables 8 and 9, while 1943 - 1948 yearly totals and monthly averages are given in Table 7. For summary data on Synthetic and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 7. - Consumption of Synthetic Rubber in Total, showing Monthly Averages, 1943 - 1948, and Percentages of Synthetic Rubber to All Rubber Consumed.

Year	Total	Monthly Average	Percentage
1943	8,252,160 pounds	687,680 pounds	7.9
1944	80,505,600 "	4,616,640 " 6,708,300 "	52 .7 62.9
1946	66,357,973 " 65,367,660 "	5,529,831 " 5,447,305 "	55.6 37.5
1948	46,051,821 "	3,837,652 "	27.1

Table 8. - Consumption of Synthetic Rubber, by Types and by Months,

Januar	y 1947	to Dec	ember	1948.

Month		Buna-S	But yl	Neoprene	Other	Total
		Pounds	Pounds	Pounds	Pounds	Pounds
1947 - Ja	anuary	5,710,124	1,199,032	230,720	18,173	7,158,049
	ebruary	5,034,216	1,095,348	176,960	18,814	6,325,338
Ma	arch	5,122,804	1,001,714	241,890	76,249	6,442,657
	pril	5,201,926	1,162,252	217,750	9,477	6,591,405
	ay	5,135,107	1,092,810	225,866	16,464	6,470,247
	une	4,447,404	960,038	219,914	63,014	5,690,370
J	uly	3,689,525	759,452	146,944	15,129	4,611,050
A	ugust	3,059,955	665,754	116,599	10,323	3,852,631
	eptember	3,661,306	882,330	177,278	13,099	4,734,013
	ctober	3,607,668	858,690	174,591	18,630	4,659,579
	ovember	3,394,278	815,672	169,987	16,585	4,396,522
De	ecember	3,380,775	925,781	122,208	7,035	4,435,799
1948 - Ja	anuary	3,593,044	923,787	130,949	16,929	4,664,709
F	ebruary	3,320,024	733,907	146,740	22,880	4,223,551
ME	arch	3,373,629	460,765	165,141	26,268	4,025,803
A]	pril	3,508,423	446,890	204,995	20,493	4,180,801
Ma	ау ососесть	2,969,325	385,312	184,528	20,383	3,559,548
	une	3,223,223	524,704	191,943	26,019	3,965,889
	uly	2,614,210	386,787	125,003	13,543	3,139,543
	ugust	2,380,019	306,453	204,508	24,055	2,915,035
	eptember	3,007,785	407,223	172,401	19,539	3,606,948
	ctober	3,093,226	410,371	182,211	16,049	3,701,857
	ovember	3,396,730	465,021	166,917	18,598	4,047,266
De	scember	3,381,339	450,228	171,767	17,537	4,020,871

Table 9. - Consumption of Synthetic Rubber, in Potal, by End Products, and by Months, January 1947 to December 1948, showing also Percentage of Synthetic to All Rubber Consumed.

land b	Synthetic Rabber			Used in the manufacture of -					
ionth	Total	Percentage of All Rubber	Tires and Tubes	Repair Materials	Mechanical Goods	Vire and Cable	Footwear	Other Products	
	000's pounds	Per cent	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	000's pounds	
947 - January	7,158	46.4	5,194	95	849	183	377	459	
February	6,325	43.3	4,828	91	474	164	375	395	
March	6,443	41.8	4,717	63	670	168	519	306	
April	6,591	43.2	4,774	69	646	165	575	362	
May	6,470	41.5	4,877	51	586	231	401	325	
June	5,690	39.3	4,340	37	616	164	210	324	
July	4,611	36.7	3,532	37	446	114	307	175	
August	3,853	35.1	2,876	33	31.1	155	314	163	
September	4,734	31.4	3,370	37	517	208	378	224	
October	4,660	30.6	3,385	27	436	190	365	257	
November	4,397	29,7	3,158	45	368	253	323	250	
December	4,436	30.0	3,381	61	334	157	314	189	
948 - January	4,665	30.2	3,495	(1)	(2)	203	365	602	
February	4,223	28.7	3,076	(1)	(2)	183	364	600	
March	4,026	25.5	2,830	(1.)	(2)	265	338	602	
April	4,181	27.7	2,981	(1)	(2)	254	310	636	
May	3,560	26.7	2,504	(1)	(2)	205	319	532	
June	3,966	26.3	2,750	(1)	(2)	228	339	649	
July	3,139	26.6	2,299	(1)	(2)	137	217	486	
August	2,915	28.1	1,960	(1)	(2)	159	273	523	
September	3,607	26.5	2,602	(1)	(2)	204	283	518	
October	3,702	26.0	2,667	(1)	(2)	164	301	570	
November	4,047	26.2	2,832	(1)	(2)	259	338	618	
December	4,021	26.8	2,883	(1)	(2)	213	287	638	

(1) Included with "tires and tubes".

(2) Included with "other products".

Table 10(a). - Consumption of Synthetic Rubber, by Types and by End Froduct Classification, December 1948.

End Products	Buna-N	Buna-S	Butyl	Neoprene	Other	Fotal Synthetic
		Pounds	Pounds	Pounds	Pounds	Pounds
1. Tires and tubes, including						
tire repair materials	-	2,439,932	440,103	2,884	-	2,882,919
2. Wire and cable	-	168,802	4 50	43,746	-	212, 998
3. Footwear (including heels, soles, etc.)	-	280,890	574	3,835	1,940	287,239
4. Other products	6,385	491,715	9,101	121,302	9,212	637,715
TOFAL	6,385	3,381,339	450,228	171,767	11,152	4,020,871

Table 10(b). - Consumption of Synthetic Rubber, by Types and by End Product Classification, November 1948.

End Products	Buna-S	Buna_1	N Butyl	Neoprene	Other	Total Synthetic
	Pounds	Pound	s Pounds	Pounds	Pounds	Pounds
1. Tires and tubes, includ				7 454		
ing repair materials	2,368,26	4 -	459,545	3,950	-	2,831,759
2. Wire and cable	225,58	3 -	-	33,427	-	259,010
3, Footwear (including hee	ls,					
soles, etc.)		7 -	380	3,029	5,775	338,351
4. Other products	473,71	6 2,525	5,096	126,511	10,298	618,146
FOFAL	3,396,73	0 2,525	465,021	166,917	16,073	4,047,266

Tire repair materials, now included with tires and tubes, and mechanical goods, now included with other products, were shown separately previous to January 1948. The present grouping is by arrangement with The Rubber Association of Canada.

Section D. Reclaim Rubber

- 11 -

Tables 11 and 12 give the consumption of Reclaim in total for the years 1939-1948 with monthly averages for each year and broken down into Dispersions and Other than Dispersions, by actual months, January 1947 to December 1948. Consumption of Reclaim, in total only, by end product classification is given in Tables 3(a) and 3(b) for November and December 1948. For summary data on Reclaim, Synthetic, and other rubber stocks, domestic production and domestic consumption, expressed in long tons, see Table 1.

Table 11. - Consumption of Reclaim Rubber in Total, and by Monthly Averages, 1939 -1948. showing also percentages of Reclaim to All Rubber Consumed.

Year	Total	Monthly Average	Percentage to All Rubber
1939	16.826.880 pounds	1,402,240 pounds	19,2
1940	18,896,640 "	1,574,720 "	18.6
1941	21,208,320 "	1,767,360 "	15.1
1942	28,008,960 "	2,334,080 "	22.9
1943	31,342,080 "	2,611,840 "	29.8
1944	28,277,760 "	2,356,480 "	26.9
1945	34,298,880 "	2,858,240 "	26,8
1946	31,673,600 "	2,639,467 "	26.6
1947	36,418,788 "	3,034,899 "	21.0
1948	30,661,557 "	2,555,130 "	18.1

Table 12. - Consumption of Reclaim Rubber, by Types and by Months, January 1947 to December 1948, showing percentage of Reclaim to All Rubber Consumed.

	December 1	348, anowing perce.	heade of neorarm	OO THIL MUDDOL	O OTTO GLILO G &
Month		Dispersions	Other than Dispersions	Total	Percentage to All Rubber
		Pounds	Pounds	Pounds	Per cent
1947 -	January	147,840	3,286,080	3,433,920	22.3
	February		3,147,200	3,277,120	22.5
	March		3,381,357	3,515,749	22,8
	April		2,922,378	3,124,794	20.5
	May		3,053,234	3,221,826	20.6
	June		2,744,499	2,910,604	20.1
	July		2,365,824	2,510,217	20.0
	August		2,071,196	2,202,171	20.1
	September		2,963,932	3,122,228	20.7
	October	145,241	2,984,191	3,129,432	20.5
	November	140,170	3,034,534	3,174,704	21.5
	December	125,594	2,818,269	2,943,863	19.9
1948 -	January	113,948	2,886,095	3,000,043	19.5
	February		2,608,102	2,723,907	18.5
	March		2,893,982	3,043,157	19.3
	April		2,491,562	2,627,289	17.4
	May		2,182,470	2,285,149	17.2
	June	1.00.001	2,561,918	2,697,679	17.9
	July		2,022,148	2,130,188	18.1
	August	-	1,577,000	1,685,022	16.3
	September		2,379,392	2,500,444	18.3
	October		2,521,523	2,631,586	18.5
	November		2,589,231	2,693,780	17.5
	December		2,554,448	2,643,313	17.6

