

KRAISSL QUARTERLY

Published By

THE KRAISSL COMPANY

INCORPORATED

PUMPS-SEPARATORS-ENGINEERING EQUIPMENT

HACKENSACK, NEW JERSEY



Volume 6

JULY 1963

Number 3

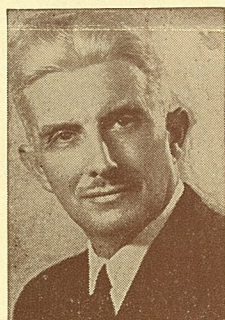
PAYING HOBBIES

FREDERICK KRAISSL, JR., P. E.

President

THE KRAISSL COMPANY, INC.

Without knowing just how this country got in this fix, it is still a fact that many individuals at their peak performance find themselves sometimes



Consulting Engineer
Kraissl Associates

forcefully or prematurely but definitely retired.

Past a certain age, time flies. We look at a letter dated five years ago and it only seems yesterday that it was written. The young people around us are not our children, they are our grandchildren. If we are extremely fortunate, we are able to lead them in outdoor healthy activities with almost the same capability and stamina with which we taught our children.

However, it has always been my belief that man needs productive endeavor to preserve his self-respect. I feel that he needs the knowledge that he is contributing something worthwhile to justify his existence and be an asset to humanity.

This is, of course, just as true of people with adequate means to meet living requirements as those less fortunate. I have known and been closely associated with young men who have been "born with a golden spoon in their mouths", where they worked harder and longer than other workers in the plants from which their fortunes were derived. I have been glad to give them the loyal support and service which stems from respect for the boss.

There are others with adequate fortunes who devote their time and effort to charitable work in the never ending job of attempting to upgrade humanity or minister to its needs. Still others can accept assignments in government where the cost of holding the job is much greater than the stipend allocated to it, and we have notable examples of individuals whose names appear frequently in the daily papers.

However, for many, retirement may mean not only the loss of a job which is loved and is easy to perform because

of the proficiency achieved, but also a reduction in income. I strongly suspect this group numbers more than we would like to believe and it certainly could if savings and investments were not kept up, since retirement incomes even when supplemented by social security rarely will equal the income previously earned.

If individuals who anticipate this situation will be realistic, it can be avoided. The number of hobbies that could be a welcome change from daily activity which are capable of supplying supplementary income are almost endless.

In the first place it is necessary to take a personal inventory of capabilities and desires which can be termed self-appraisal. It is usually agreed that most individuals do best the things they like to do. So what do you like? Are you in arts? Do you like to write? The trash written now-a-days should make it easy for a writer of good fiction or even documentary articles to compete. Do you like people? Do you like to teach? Part time teachers for some subjects are in demand. Do you like to sell? Many small advertising agencies might like to have the talents of competent people they could not afford on a full time basis.

Perhaps photography is your great interest, in which case you know how these capabilities can be commercialized which vary from expert finishing to commercial or portrait work.

The scientist or engineer should have no difficulty in building a hobby future by "moonlighting" in an area totally different from the field in which he is daily employed so that there can be no ethical criticism of his selling his time to others. If the question is even raised, he could state quite frankly that he was preparing for something to do when retirement came. Maybe the employer would take the hint and abolish mandatory retirement but where in a large organization this is an established policy, an idea might be given to the boss.

The fields which could be entered are so great and diversified that not even a list could be suggested in a discussion of this type. It might be that someone in such a position would open an employment agency that was limited to retired individuals.

The main thing is to get started while still employed at a livable in-

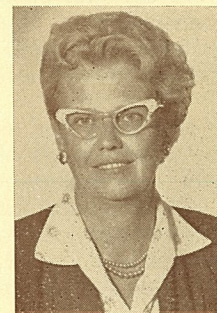
come. It takes time to develop any enterprise, even a part time paying hobby. The fun of doing it while not needing the income will be in watching the enterprise grow. Most enterprises fail either because there is no need for the product or service or because the expenses exceed the income. With a hobby business the overhead can be minimized so success should be assured if the product or service can be sold. The main thing is to get started. It is later than you think.

ORIGINALITY

ALICE L. KRAISSL

Vice-President

There appears to be such an appalling lack of originality in so many fields of endeavor that the writer wonders whether this is a deliberate attempt



Consultant
Kraissl Associates

to guide us into being a placidly conforming citizenry.

Coupled with this deplorable lack, and indeed, one of the reasons it can exist, is what must be a spy system worthy of the best "cloak and dagger" group.

Otherwise how is it possible, for instance, for so many publications to run similar articles concurrently with such maddening regularity? One article concerning a person in the public eye might be of interest, but time after time one finds items concerning the same individual in many of the carriers published at the same time. Certainly a more diversified coverage should result in increased sales and be to the advantage of publishers.

This trend goes right "across the board" with the followers always attempting to cash in on the success of the originator of some successful enterprise. To illustrate, it appears that a group of new TV shows based on a medical format are promised for the coming season. Perhaps these will replace some of the Westerns which were probably an earlier move in this same direction of uniformity.

Styles in clothing are also a point at issue, men being just as much affected as women. All of us who are old enough, know that styles move in

cycles, and if one has saved a particularly appealing item the chances are that, with little alteration, it could be worn "in style" twenty years later, since that appears to be about the length of time required for a cycle.

The foregoing sounds as though the writer could be accused of being against "progress", but nothing could be further from the truth. This is, instead, an impassioned plea for originality and the courage of the individual to buck the current trend and stand by his own decisions.

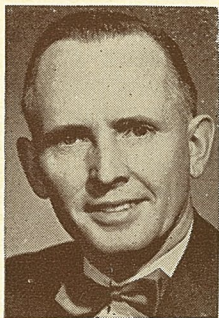
A flock of sheep grazing on a hillside is a peaceful sight, but when aroused can become a trampling horde in their proclivity for following the leader. A nation of individuals who willingly drop into patterns subtly suggested by those having some definite goal in mind could also become an unreasoning horde when a signal is given, thereby possibly bringing to a "fait accompli" some cause of which they were in ignorance until it was too late.

Individual placidity and compliance are the first tool of would-be dictators, lulling the masses with platitudes until a point is reached, where force and fear take over.

Living in a country that prides itself on freedom for all, we are just plain crazy not to take advantage of this freedom in any legal form we choose, and to express ourselves toward this end.

Why let someone else think for us along any line, from trivial matters of fashion, reading, diet, to important matters of politics? Think about the issues at hand and express opinions to the elected representatives so that they, in turn, may truly represent the will of the **thinking** people, whose originality of thought could contribute much to the advantage of our Nation. Be thankful you have the opportunity to do so.

PERSONALS

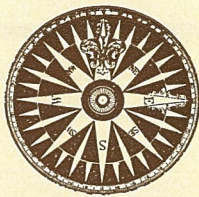


Vice President
Plant Manager

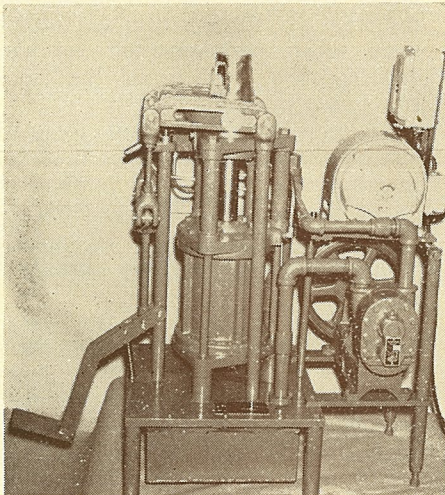
ELMER B. MERCER now a Vice President and Director. Organizations are static for prolonged periods and then vacancies open up with greater frequency. Mr. Mercer was ready when this vacancy occurred having served in almost all capacities related to factory operation. He is vitally concerned with meeting customers' requirements and is more likely to be at the plant than those of us whose basic activity keep us in the field. Call him when you need top level help.



INDUSTRIAL AND MARINE FIELDS



CAN YOU USE THIS MACHINE?



Problems are always confronting any organization that produces things and we are no exception.

There are many reasons why it is desirable to have the shafts of our duplex separators furnished from different materials than the material of construction of the plug itself. This varies from steel shafts in cast iron to monel shafts in bronze plugs when specified.

The assembly of the shaft into the plug was always a problematical operation with acceptance or rejection of an assembly to a large extent dependent on the skill of the operator.

Like most organizations faced with current problems it is our desire to minimize dependence on operator experience and concentrate on methods for producing assemblies where no rejections are necessary on inspection.

Our Class 16 series Automachine does this job. The shaft is centered in the recess of the plug and positioned by foot pedal. A touch of the control and a Kraissl Class 66-7H pump builds up a pressure on the hydraulic ram that develops 2200 pounds to send the shaft home accurately and true with no misalignment within required tolerances. This pressure thrust can be increased if desirable.

This type of operation may have other applications and if you have one,

Kraissl Associates may be able to re-design to meet your requirements.

In any event this indicates again how far this organization is willing to go to constantly upgrade and increase the efficiency of our operations to reduce to a minimum the impact of increasing costs.

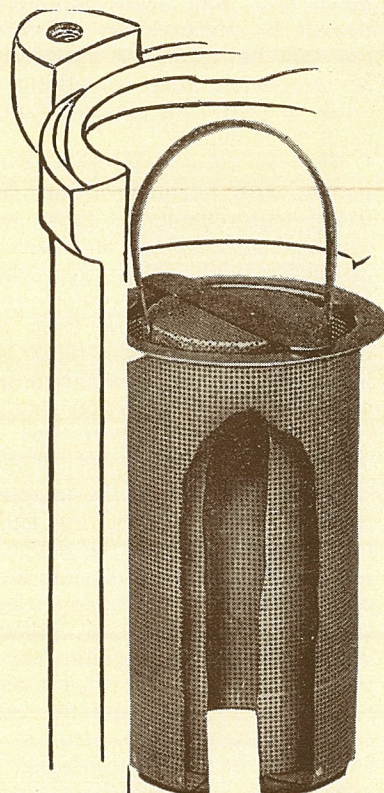
DOUBLE ELEMENT FILTER BASKETS NOW AVAILABLE

U. S. Patent No. 2,792,118

Many of our customers who have been specifying our double element strainer baskets since they were available, will be happy to know that the filter baskets of this design are now ready.

Some humorous incidents have occurred. These filter baskets have been so urgently needed that in one case they were ordered before the specifications had been completed. The order leaked through to our production department and it attempted to accommodate but we were not quite ready. However, on a rework, this customer got the first double element filter baskets.

The big advantage of double element baskets is, of course, that they increase the separating area between 30-50% depending upon size. This frequently makes it possible to select a smaller size to obtain the desired separating area with great economic saving. The larger separating area also reduces pressure drop with the more viscous liquids with the same rate of flow and also increases the time between cleaning periods. In line with past policy,



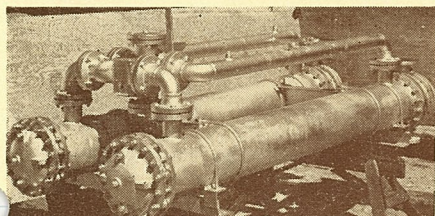
double element filter baskets will be standard equipment with our duplex integral cast iron filters.

They are designed to be interchangeable in the same housing for any given size, although the inner element of the double element filter basket projects above the double element strainer basket. This is done to standardize on open areas since we obscure some open area sections with the filter baskets as related to strainer baskets and the added area of the filter unit is designed to compensate. For estimating filter areas use the 1/32" open area tabulation.

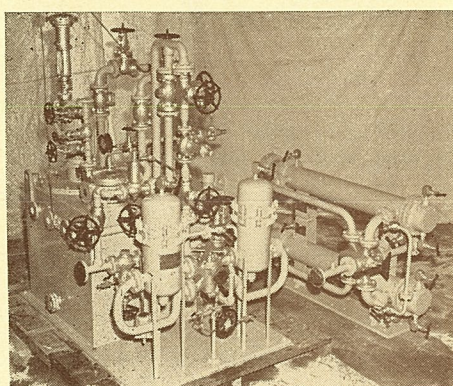
CLASS 72 AA TRANSFER VALVES ON MANY ORIGINAL EQUIPMENT DEVICES AND INSTALLATIONS

Kraissl Class 72 Series transfer valves are used where it is desired to divert flow from one unit to the other while cleaning or servicing.

Representative of two important applications are heat exchangers as indicated by the following assembly



supplied by the Old Dominion Iron and Steel Company and the lubrication oil system built by the Engineer Company illustrated in the photograph below.

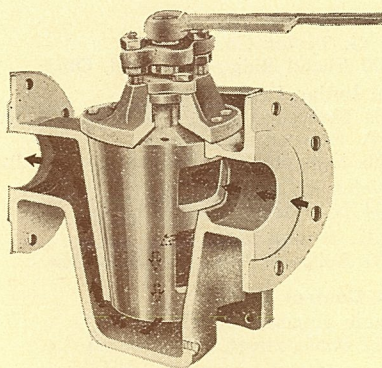


There are probably many others and we will appreciate your inquiries.

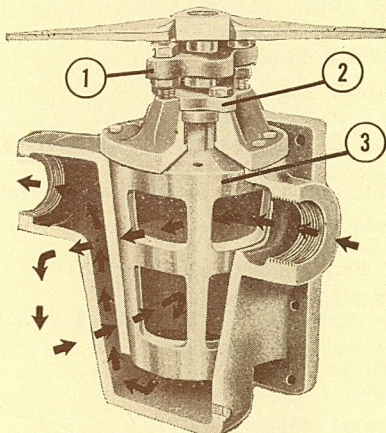
We show in illustration the 72A valve center sections with rectangular ports to clarify the flow diversion. We designed these to produce the most compact assembly with our Class 72A duplex separators.

Excerpts from drawing B-3519B show the 72AA compact series valves with compatible ASA side flanges instead of rectangular flanges.

If you have a flow diversion application, we are sure you will be interested.



FLANGED VALVE
in one position



SCREWED VALVE
in second position

DESIGNED FOR CONTINUOUS FLOW.
PORT INTERCONNECTIONS -
IN POSITION SHOWN - 1 & 2, 3 & 4.
IN OTHER POSITION - 1 & 2, 3 & 4.

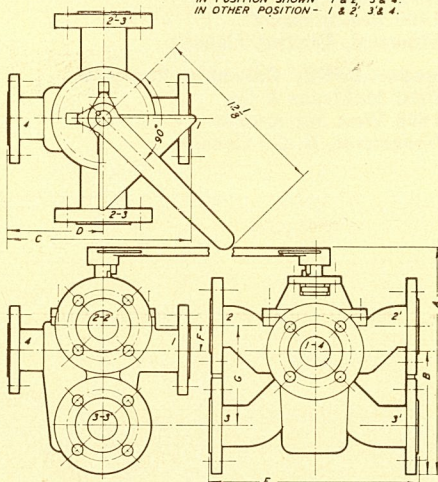
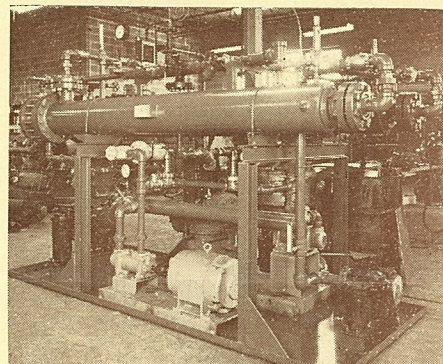


TABLE OF DIMENSIONS - INCHES												
MODEL	SIZE	FLG. B.C.	NO. BOLT DIA.	MIN. APPR. R.F.	MIN. APPR. FLOW WT. LBS.	A	B	C	D	E	F	G
150# ASA FLANGES - 230 PSIG. MAX. W.P.												
72-37	1 1/2	5 3/8	4	5/8	2 1/2	7 1/2	14 1/2	7 1/2	3 1/2	15	10	1 6 3/8
AAFS	1 1/2	5 3/8	4	5/8	2 1/2	7 1/2	14 1/2	7 1/2	3 1/2	15	10	1 6 3/8
72-39	2	6 1/2	4	3/4	3 1/2	9	10 1/2	9 1/2	12	6 1/2	12	7 1/2 6 3/8
AAFS	2	6 1/2	4	3/4	3 1/2	9	10 1/2	9 1/2	12	6 1/2	12	7 1/2 6 3/8
72-41	2 1/2	7 1/2	5	7/8	4	11 1/2	17 1/2	10 1/2	12 1/2	6 1/2	13	7 1/2 7 3/8
AAFS	2 1/2	7 1/2	5	7/8	4	11 1/2	17 1/2	10 1/2	12 1/2	6 1/2	13	7 1/2 7 3/8
72-43	3	8 1/2	6	1	5	13 1/2	19 1/2	11 1/2	12 1/2	6 1/2	14	7 1/2 7 3/8
AAFS	3	8 1/2	6	1	5	13 1/2	19 1/2	11 1/2	12 1/2	6 1/2	14	7 1/2 7 3/8
72-47	4	9 1/2	8	1 1/8	6 1/2	15 1/2	21 1/2	12 1/2	15 1/2	9	2 1/2	10 1/2 10 1/2
AAFS	4	9 1/2	8	1 1/8	6 1/2	15 1/2	21 1/2	12 1/2	15 1/2	9	2 1/2	10 1/2 10 1/2
300# ASA FLANGES - 600 PSIG. MAX. W.P.												
72-37	1 1/2	6 1/8	4	7/8	2 1/2	9	15 1/8	8 1/8	9 1/8	4 1/8	10	1 6 3/8
AAFS	1 1/2	6 1/8	4	7/8	2 1/2	9	15 1/8	8 1/8	9 1/8	4 1/8	10	1 6 3/8
72-39	2	7 1/8	5	1	3 1/2	11 1/8	16 1/8	9 1/8	12	6 1/8	12	7 1/2 6 3/8
AAFS	2	7 1/8	5	1	3 1/2	11 1/8	16 1/8	9 1/8	12	6 1/8	12	7 1/2 6 3/8
72-41	2 1/2	8 1/8	6	1 1/8	4	13 1/8	18 1/8	10 1/8	12 1/8	6 1/8	13	7 1/2 7 3/8
AAFS	2 1/2	8 1/8	6	1 1/8	4	13 1/8	18 1/8	10 1/8	12 1/8	6 1/8	13	7 1/2 7 3/8
72-43	3	9 1/8	7	1 1/4	5	15 1/8	20 1/8	11 1/8	12 1/8	6 1/8	14	7 1/2 7 3/8
AAFS	3	9 1/8	7	1 1/4	5	15 1/8	20 1/8	11 1/8	12 1/8	6 1/8	14	7 1/2 7 3/8
72-47	4	10 1/8	8	1 3/8	6 1/2	17 1/8	22 1/8	12 1/8	15 1/8	9	2 1/2	10 1/2 10 1/2
AAFS	4	10 1/8	8	1 3/8	6 1/2	17 1/8	22 1/8	12 1/8	15 1/8	9	2 1/2	10 1/2 10 1/2
600# ASA FLANGES - 1200 PSIG. MAX. W.P. (300° F. MAX. TEMP.)												
72-37	1 1/2	7 1/4	4	1	2 1/2	11	16 1/4	9 1/4	10 1/4	5 1/4	11	1 6 3/8
AAFS	1 1/2	7 1/4	4	1	2 1/2	11	16 1/4	9 1/4	10 1/4	5 1/4	11	1 6 3/8
72-39	2	8 1/4	5	1 1/4	3 1/2	13 1/4	18 1/4	10 1/4	12 1/4	6 1/4	12	7 1/2 6 3/8
AAFS	2	8 1/4	5	1 1/4	3 1/2	13 1/4	18 1/4	10 1/4	12 1/4	6 1/4	12	7 1/2 6 3/8
72-41	2 1/2	9 1/4	6	1 3/8	4	15 1/4	20 1/4	11 1/4	12 1/4	6 1/4	13	7 1/2 7 3/8
AAFS	2 1/2	9 1/4	6	1 3/8	4	15 1/4	20 1/4	11 1/4	12 1/4	6 1/4	13	7 1/2 7 3/8
72-43	3	10 1/4	7	1 1/2	5	17 1/4	22 1/4	12 1/4	12 1/4	6 1/4	14	7 1/2 7 3/8
AAFS	3	10 1/4	7	1 1/2	5	17 1/4	22 1/4	12 1/4	12 1/4	6 1/4	14	7 1/2 7 3/8
72-47	4	11 1/4	8	1 5/8	6 1/2	19 1/4	24 1/4	13 1/4	15 1/4	9	2 1/2	10 1/2 10 1/2
AAFS	4	11 1/4	8	1 5/8	6 1/2	19 1/4	24 1/4	13 1/4	15 1/4	9	2 1/2	10 1/2 10 1/2
PLUS 1/16" R.F. ON 150# & 300# FLGS. & 1/8" R.F. ON 600# FLGS.												

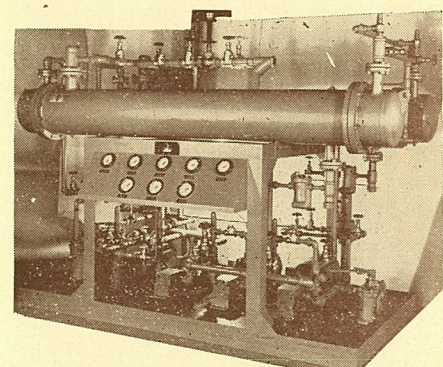
KRAISSL CLASS 72 SERIES STRAINERS STANDARD EQUIPMENT ON PUMP AND HEATER SETS

We are grateful that so many organizations are using our Class 72 Series strainers on their pump and heater sets.

One of our older customers is Midwesco of Chicago and the photograph is representative of their very extensive line of equipment.



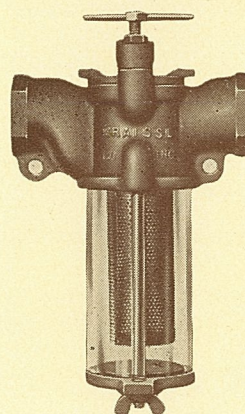
We are honored to show a representative installation of one of our Canadian customers, Combustion Heat and Power, Ltd. Perhaps we can claim we have gone international.



PHILLIPS HARDWARE OF MIAMI WILL DISTRIBUTE KRAISSL CLASS 73 SEA VIEW SEPARATORS

This new arrangement will provide active coverage of the Boating Field as differentiated from the Shipbuilding industry for the State of Florida. It is the intention to make available equipment for private boating that Govern-

ment Agencies consider essential. Single Separators may be used when engines can be shut down for cleaning. When operation may be continuous Duplex Units should be installed so that one side can be cleaned while the other is in operation.



SALES REPRESENTATION

HOME OFFICE

We have reserved the areas of Connecticut, Delaware, Metropolitan New York, including the Hudson valley, Long Island, New Jersey and eastern Pennsylvania less Philadelphia District for coverage by Kraissl Company personnel.

Northeast Region

John S. Stone
P. O. Box 247, Holcomb, N. Y.
Williams Bros., Inc., 70 Commercial St.,
Portland 3, Me.

Eastern Region

Valley Equipment Company
4105 Northern Pike, Monroeville, Pa.
J. W. Pearson Co., Box 282
Hatboro, Penn.
Shanklin Company
330 East 25th St., Baltimore, Md.

Southeast Region

Power Equipment Co.
1307 West Main St., Richmond, Va.
Dillon Supply Company—Main Office
Raleigh, N. C.
Dillon Supply Company
Durham, No. Carolina
Dillon Supply Company
Rocky Mt., No. Carolina
Dillon Supply Company
Goldsboro, North Carolina
Dillon Supply Company
Charlotte, No. Carolina
Boiler Supply Company, Inc.
490 Craighead Street, Nashville, Tenn.
2006 Sutherland Ave., Knoxville, Tenn.
Applied Engineering Co., Inc.
P. O. Box 506, Orangeburg, S. C.
Spotswood Parker & Co.
313 Techwood Drive, Atlanta, Ga.
T. W. McCuiston
540 S. W. 69th Ave., Miami, Fla.

North Central Region

Charles R. Davis
2970 W. Grand Blvd., Detroit, Mich.
Hetler Equipment Co.
1904 Clyde Park Ave., S. W.
Grand Rapids, Mich.

Central Region

W. G. Taylor Co.
1900 Euclid Bldg., Cleveland, Ohio
The Jordan Engineering Co.
7401 Shewango Way, Cincinnati 43, Ohio
T. A. Heidenreich Co., Inc.
5250 Keystone Ct., Indianapolis 20, Ind.
Lowden & Company
3404 N. Harlem Ave., Chicago, Ill.
A. K. Howell Co.
1001 Bellevue Ave., St. Louis, Mo.

South Central Region

Creole Engineering Co.
2617 Banks Street, New Orleans, La.
Albert Sterling & Assoc., Inc.
2611 Crocker St.
Houston, Texas
I. P. Newby & Assoc.
4431 Maple Ave.
Dallas 9, Texas

Northwest Region

Bruce P. Rutherford Co.
122 First Ave., S. W., Portland, Oregon
Bruce P. Rutherford Co.
1954 First Avenue South, Seattle, Wash

Western Region

A. C. Cope Co.
435 Bryant Street, San Francisco, Cal.
Power Engineering Co.
1806 South State St., Salt Lake City, Utah
Thermo Tech Products Co.
1400 So. Lipan
Denver 23, Colorado

Southwest Region

Wagner Hydraulic Equip. Co.
10814 Santa Monica Blvd.
Los Angeles, California

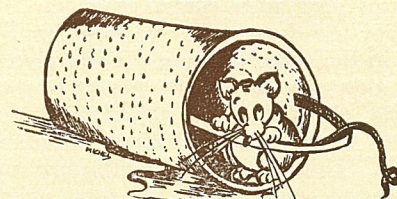
Canada—Ontario and Quebec Provinces

Kirk Equipment Ltd.
1460 Bishop Street
Montreal, Quebec, Canada

Canada—British Columbia Province

Fred McMeans & Co.
1608 West 5th Avenue
Vancouver, B. C., Canada

FOUND IN THE STRAINER BASKET



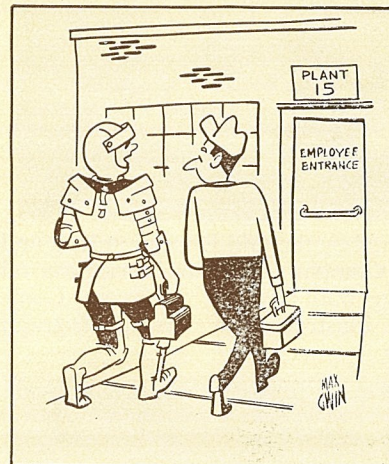
A noted humorist called his waiter to the table where he was dining and said:

"I say, waiter, there is a roach in my soup that is drowning".

The head waiter was called over and was horrified to have such a thing happen, especially to a very distinguished guest. Very much agitated he asked,

"Is there anything I can do to make this horrible occurrence right with you?"

"Yes," said the humorist, "Next time you put a roach in my soup either teach him how to swim or strap a life preserver on his back."



"Darned if I want to be the one to get hurt and ruin our safety record."

THE KRAISSL COMPANY

INCORPORATED

HACKENSACK, NEW JERSEY

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YOUR
COPY
OF

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U. S. POSTAGE
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Hackensack, N. J.

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CORAL GABLES, MIAMI 34, FLA.
ATT: MR. ROBERT W. HOBBS