



KRAISSL QUARTERLY

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THE KRAISSL COMPANY

INCORPORATED

PUMPS-SEPARATORS-ENGINEERING EQUIPMENT

HACKENSACK, NEW JERSEY



Volume I

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Number 2

CUSTOMER COVERAGE

To us, the opportunity to meet our customers and work with you is our greatest possible privilege. We feel a little sorry for the rest of our organization who must content themselves with organizational and production matters and resort to the consolation,

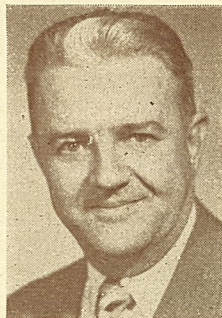
that if they did not back us up with satisfactory products, you would soon have no further use for us. Since we have already stated our background we will just advise you how our customer contact organization is set up.

First we have our President and Chief Engineer Fred Kraissl, Jr., who supervises all matters relating to customer coverage by our organization.



It has been stated that if an engineer is a technical planner, a consulting engineer, plans planning. As our Chief Engineer, he plans our planning and supervises the activities of all those who contact our customers. This keeps him in the field with our sales representatives, a good part of the time. When he is at the home office, he appreciates getting out with the customers in this area and help solve any problems they will throw at him.

Lee Mills is the Sales Manager of our Home Office Territory. This comprises the areas of Hudson Valley, Metropolitan New York, Long Island, Connecticut, New Jersey, Delaware and Eastern Part of Pennsylvania, less the Philadelphia district. We have distributors in this area but all original equipment manufacturers or the equivalent are covered by personnel from our home office. When Lee runs into problems involving design or redesign of our products to meet specific needs,



you are likely to meet Bob Michel.

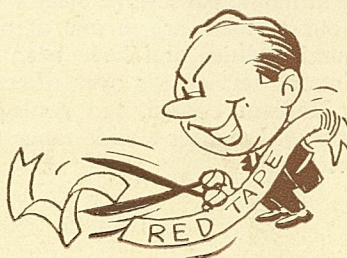
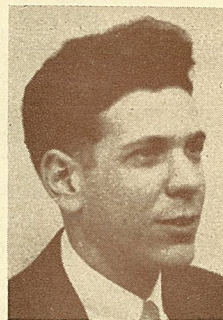
He loves to dig into a design problem so don't disappoint him if you cannot use an already standardized product which will usually save you money. However, if you can't, you can't, and if there is a less expensive way to do a job, Bob will find it.



When matters of finance or status of accounts are involved, you are likely to hear from Mrs. Kraissl. She usually accompanies Mr. Kraissl on field trips when covering sales representatives, as they have always worked together as a team.



And of course, you should meet Don Heiner. Not in person, perhaps, unless you call at our office, as Don's job, among other things is to see that you get what you have ordered when you want it. Sometimes this is a nice trick if you can do it but Don has become pretty expert at this so don't hesitate to pressure him if you need this assistance. We all believe in cutting red tape. Any and all of us will be glad to step into any situation where urgency demands setting aside normal procedures to meet your requirements.



SALES REPRESENTATIVES

We have listed our sales representatives on the last page and plan to present personalized introductions in the order in which requested resumes are received. In this issue we are happy to introduce:

ROBERT BACON COMPANY

This company joined our team in May, 1948, which has provided an association of nearly ten years' effective activity.

The head of the Company, Bob Bacon is the driving force that put the organization together. He obtained his practical experience concerning pumps and allied hydraulic equipment with Fairbanks Morse and Company. The oldest of his three children is a sophomore at Yale University.



Religious and Fraternal Organizations: Congregational Church and Delhousie Lodge, A.F. and A.M.

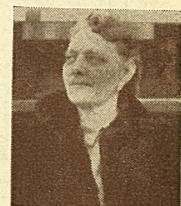
Hobbies: He likes to reconstruct colonial houses.

His assistant, E. B. Patterson, obtained his Mechanical Engineering degree from Vanderbilt University and joined the organization in 1954. Pat says his hobby is golf although it is suspected that his four small children, all under eight, keep him from giving it the desired time.



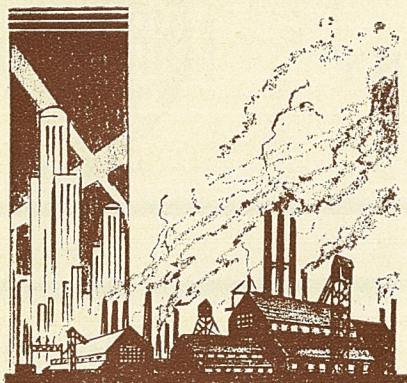
Religious Affiliation: Congregational Church.

In every well organized firm there is usually a lady secretary in the office that keeps things running right. Her name in this Company is Gertrude A. Field (Mrs. Raymond F.). In addition to her office responsibilities, she has three children.



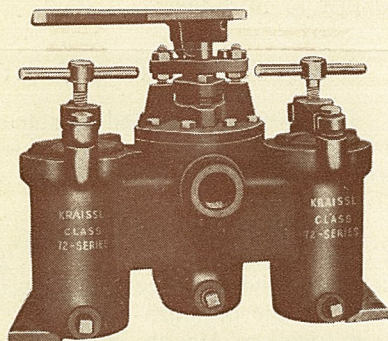
The organization, including outside salesmen, totals seven.

INDUSTRIAL FIELD



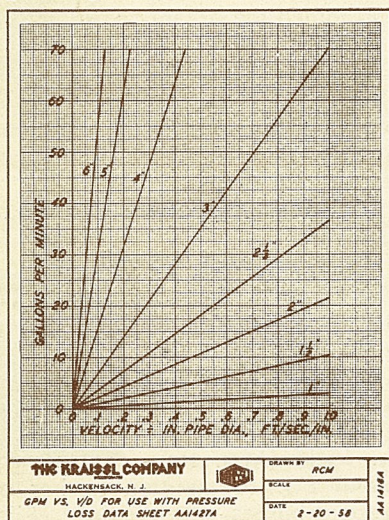
INDUSTRIAL OIL BURNING INDUSTRY

PRESSURE DROP DATA FOR CLASS 72 STRAINERS WITH HEAVY FUEL OIL

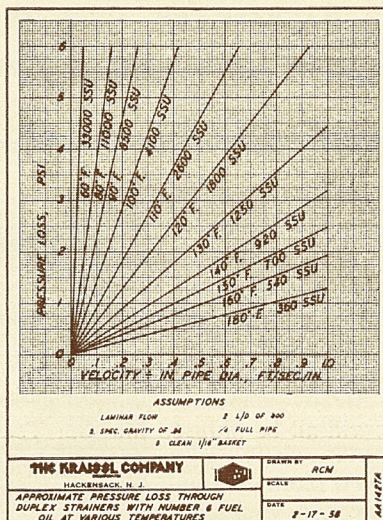


Many customers have requested more accurate information on pressure drop through our separators, with heavy oil. There is no easy conversion factor in our opinion that can be applied to water data that gives the required accuracy. After a great deal of study and experiment we developed a comparatively simple procedure, which we have tried using over five years. We have employed the factor V/D and defined it as the velocity divided by pipe diameter.

With chart No. AA-1416A select desired capacity and project over to the proposed pipe size, to determine corresponding V/D .



Then with Chart No. AA-1427A use this computed V/D and project to the curve of the applicable viscosity. This point can then be projected to the pressure drop axis and the data read off directly.



Please bear in mind several considerations.

These charts assume laminar flow with very little if any turbulent flow.

It is assumed that the strainers are completely filled and unclogged strainer baskets are used with perforations consistent with the viscosity of the oil.

The results are on the conservative side. If a critical selection is required consult us.

The tremendous change in viscosity of No. 6 fuel oil with slight changes in temperature should also be interesting.

The specimen charts are probably too small for frequent use but full size ones are available if desired.

ORIGINAL EQUIPMENT MANUFACTURERS



KRAISSL COMPRESSORS FOR EJECTOR SERVICE

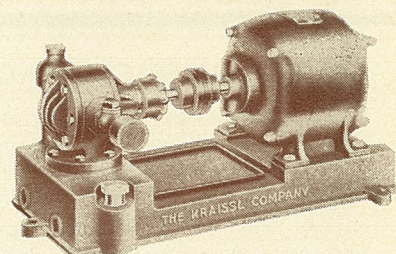
Kraissl compressors are performing twenty four hours a day in connection with municipal sewage ejector stations. Four of them are in one of our local municipalities and have been in continuous service for over fifteen years.

Radiant cooled, fan cooled, water cooled. We offer a wide range for your selection.

DO YOU HAVE A VACUUM PRIMING PROBLEM?

Kraissl Class 25 series vacuum pumps have been in use over twenty years for vacuum priming applications. One of the most severe is in connection with well point systems. Let us help you make the right selection.

DO YOU INSTALL DRY VALVE SPRINKLER SYSTEMS?



Our Class 21 series rotary compressors have been on duty for many years with one of the largest manufacturers of automatic sprinkler systems. If you install dry valve systems, you will want to know more about this application.

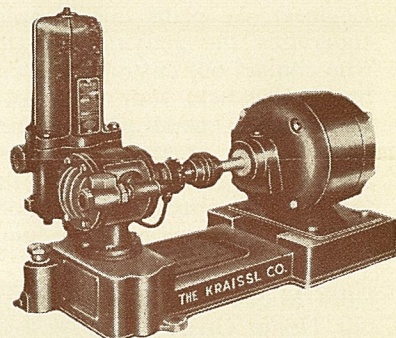
PRINTING AND PACKAGING INDUSTRY

ROTOGRAVURE INK PUMPS

The smallest size Class 32S pump has been completed and is doing its job on one of the best known rotogravure presses in the country.

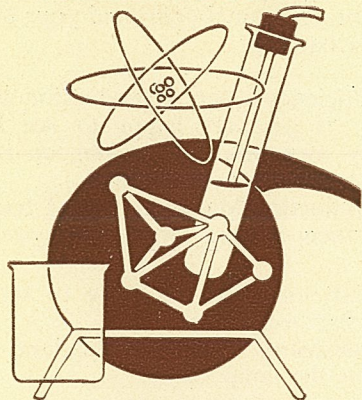
This is of course, a specialized OEM application and will be of interest only to those who are prepared to provide an adequate sump reservoir with mounting facilities.

DO YOU USE SUCTION PUMPS?



Small and intermediate capacity Class 25 series vacuum and pressure pumps are designed for, and have been for many years in continuous source with automatic suction feed applications. The high volumetric efficiency of this design permits the use of a smaller pump to do the same job requiring a larger pump of less efficiency. After all who cares about free displacement? It is the amount of air handled under the required vacuum that counts. All those interested in high efficiency with compact design, write us.

PROCESS INDUSTRIES



PRICES ON STAINLESS STEEL SEPARATORS

For many processes stainless steel is the only material of construction that will answer the requirements, but it has a price and delivery drawback. There are comparatively few foundries that are equipped to handle small orders for stainless steel castings of the specifications desired. However the cost of castings for a separator in lots of one to four have been standardized. This permits a standardized price approach in small quantities. We have gotten out a price list on single strainers that covers 302 and 304, and includes furnishing bodies, covers, and baskets, from stainless steel. Standard materials of construction furnished with C. I. strainers are used for yokes, handles, and yoke studs.

PRICES ON 302 AND 304 STEEL SINGLE STRAINERS

Size	Pipe Size	Price
72-1SS	3/8"	\$ 79.00
72-3SS	1/2"	79.00
72-5SS	3/4"	137.00
72-7SS	1"	137.00
72-9SS	1 1/4"	173.00
72-11SS	1 1/2"	180.00
Flanged		
72-11FSS	1 1/2"	194.00
72-13FSS	2"	300.00
72-15FSS	2 1/2"	380.00
72-17FSS	3"	474.00
72-21FSS	4"	680.00
72-23FSS	5"	1033.00
72-25FSS	6"	1245.00

F.O.B. Hackensack, N. J. Plant

STAINLESS STEEL DUPLEX STRAINERS

These are furnished in our Type A Three Piece Construction. The plug is coated with TEFLON to prevent galling and scoring when valve is turned.

For 302 and 304 multiply **duplex** cast steel prices by 2.5.

For 316 multiply **duplex** cast steel prices by 3.0.

A test was run at our plant where more than 10,000 valve shifts were made before the TEFLON coating was

worn down to a point where recoating was desirable.

Delivery time on stainless steel is approximately 8 to 12 weeks.

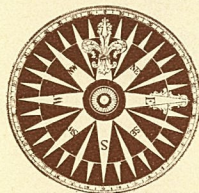
Prices include stainless steel perforated strainer baskets.

For price of stainless steel filter baskets only, multiply standard bronze filter basket prices by 2.

IMPORTANT—If quantities over 5 of any one size are needed, request special quotation.

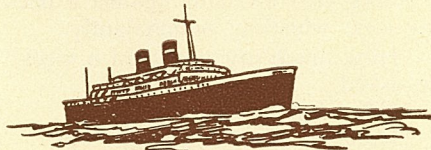
DO YOU WANT A POSITIVE DISPLACEMENT STAINLESS STEEL PUMP?

We have made stainless steel strainers available and are ready to tackle the job of Stainless Steel Pumps **if you want them.** Just let us know the materials that will be pumped, the desired suction, pressure and capacity. This will all be plugged into our Technovac Machine and out of it we expect will come a pump that will meet your requirements.

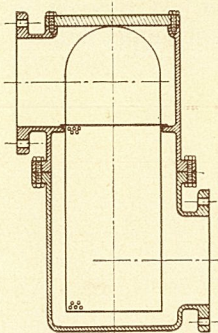


MARINE FIELD

SHIPBUILDING INDUSTRY



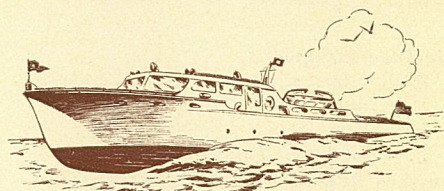
INTRODUCING CLASS 74 SERIES SINGLE STRAINERS



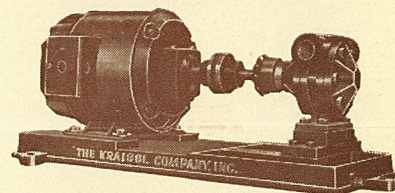
Repeated requests for single strainers larger than our Class 72 six inch size has made available our Class 74 series single strainers in sizes 8", 10" and 12". By manufacturing in top and bottom sections, and positioning the bottom section as related to the top upon assembly, the location of the bottom pipe flange can be arranged in the same plane or in any of the other three quadrants. This reduces to a minimum piping problems, which is important with these large sizes. Class 74 series single strainers are normally furnished in a three to one open area ratio with single element baskets. If a greater ratio is required this can be accommodated by multi element baskets. These strainers can be supplied in

cast iron, bronze, or cast steel construction, and are manufactured to order. Enough lead time can usually be granted while ships are under construction to make these units available before required.

BOATING INDUSTRY

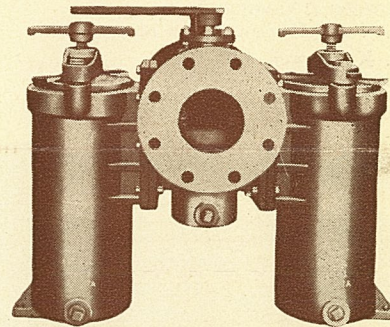


DO YOU PUMP USED CRANK CASE OIL FROM ENGINES?



Class 50 Series Dirty Oil Pumps are a boon to Boat Yards and Marinas servicing a number of engines. They are relatively compact, reasonably portable and have adequate suction and pressure characteristics. The 50-3 has a capacity of 12 quarts per minute and will empty the average crank case very quickly. It is operated with a 1/4 H.P. motor and sells complete for 110 volt 60 cycle single phase service at a price of \$86.80. Each large Yard and Marina needs a few. They will save their cost in manpower.

PRESSURE DROP DATA FOR CLASS 72 AND 73 SERIES STRAINERS SINGLE AND DUPLEX WITH WATER



This type of information is becoming of great concern to Naval Architects and Marine Engineers for many applications. The internal channels in Kraissl Separators are designed to have no less area than that of the area of each pipe size. Consequently the pressure drop of a clean strainer is in the vicinity of the equivalent number of elbows that the water changes direction from the time it enters the strainer to the time it emerges. However we plotted up this data some time ago for duplex strainers and Data Sheet AA1423 is available on request.

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

Robert Bacon Co.
272 Centre Street, Newton, Mass.
John S. Stone
P. O. Box 127, Holcomb, N. Y.

Eastern Region

Engineering Associates, Div. Trymac, Inc.
16 West 5th St., Erie, Pa.
Shanklin Company
330 East 25th St., Baltimore, Md.
W. H. Titus
401 North Broad St., Philadelphia, Pa.

Southeast Region

L. M. Lee, Jr.
404 Law Building, Richmond, Va.
Dillon Supply Company
Raleigh, N. C.
Applied Engineering Co., Inc.
P. O. Box 506, Orangeburg, S. C.
Spotswood Parker & Co.
313 Techwood Drive, Atlanta, Ga.
T. W. McCuiston
504 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

Wm. G. Taylor
1900 Euclid Bldg., Cleveland, Ohio
Lightfoot Pump & Equipment Co.
1989 Guilford Rd., Columbus, Ohio
The Jordan Engineering Co.
Roselawn Center Bldg., Cincinnati, Ohio
Lowden & Company
3404 N. Harlem St., Chicago, Ill.
A. K. Howell Co.
1001 Bellevue Ave., St. Louis, Mo.

South Central Region

Creole Engineering Co.
Box 12115, New Orleans, La.

Northwest Region

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

Western Region

A. C. Cope Co.
435 Bryant Street, San Francisco, Cal.

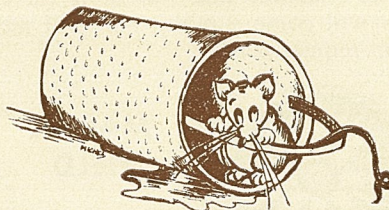
Southwest Region

Walter T. Humes Co.
230 East Anaheim, Wilmington, Cal.
Wagner Hydraulic Equipment Co.
10633 Wellworth Ave., Los Angeles, Cal.

Canada—Ontario and Quebec Provinces

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

FOUND IN THE STRAINER BASKET



The head of a company was passing through the packing room and saw a young man lounging against a packing case whistling nonchalantly.

"How much are you paid a week?" he asked.

"Fifty dollars, sir."

"Here's a week's pay—get out!"

When the foreman arrived a few minutes later, he asked "When did we hire that young man?"

"We never did, he just brought in a delivery from the mill supply house."

The honeymoon is over when your dog brings your slippers and your bride starts barking.

Efficiency expert to production manager: "I am very happy to see how many men you have taken on since I installed my new system."

Production Manager: "Yes I had to hire them to take care of the system."

Lady customer: "I'd like to try on that hat over there."

Salesman: "I'm sorry, madam, but that is the lamp shade."

Wife, "Why do you go outside when I sing? Don't you like to hear me?"

"It's not that," said her husband, "I just want to be sure that the neighbors know I am not beating you."

Prospective customer: "This seal skin coat seems fine but will it stand getting wet?"

Salesman: "Madam, did you ever see a seal carrying an umbrella?"



"Buried treasure—now we can go to town."

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