

FUNCTIONAL FLUIDS

THERMINOL

PYDRAUL

SANTOVAC

Sales Information Bulletin No. 85

SUBJECT: CURRENT LIST OF TRANSFORMER ASKAREL CUSTOMERS

DATE: JUNE 21, 1972

The attached is our up-to-date June, 1972 list of domestic USA customers to whom Monsanto sells transformer askarel fluid.

You have already been informed that users of askarel-filled transformer apparatus are no longer supplied direct from Monsanto and instead they must now contact the transformer manufacturers for fluid "top up" requirements.

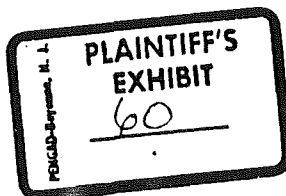
Therefore, it is important to know exactly who to contact at the various transformer manufacturers in order to obtain the askarel fluid promptly. Please keep this listing among your permanent records.

As added information we thought that you would like to read the attachment which clarifies Westinghouse policy regarding use and sale of Inerteen in transformers.

P. G. Benignus
P. G. Benignus

CS
Attachments

AO-789



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Monsanto

HARTOLDMON0005911

List of Transformer Askarel Customers

Allis Chalmers
Columbus & Preble Ave.
Pittsburgh, Pa. 15233
(412) 322-4400
Wm. Hannon

Buell, Div. of Envirotech
235 N. Fourth Street
Lebanon, Pa. 17042
(717) 272-2001
Schaeffer E. Specht or
Peter Gelfand

Federal Pacific Electric
1200 Piper Drive
Milpitas, Calif. 95035
(408) 262-7000
Ted Reback

General Electric Company
Redmond Circle
Rome, Georgia
(414) 234-0211
Raymond Frahm

Hevi-Duty, Div. Sola Basic
P.O. Box 268
Goldsboro, N. C. 27530
(919) 734-8900
Larry Wiggins

ITE Imperial Corp.
610 Erie Avenue
Philadelphia, Pa. 19130
(215) 426-5700
Henry Myers or
William Menzel

Kuhlman Corporation
Versailles, Kentucky 40383
(606) 873-8011
Benjamin T. Mikas

McGraw Edison
Power Systems Division
P.O. Box 440
Canonsburg, Pa. 15317
(412) 745-9100
Dave Jones

Niagara Transformer Corp.
1747 Dale Road
P.O. Box 233
Buffalo, New York 14225
(716) 896-6500
Ken Worth or John Sadewater

H. K. Porter Co.
1777 Industrial Way
Belmont, Calif. 94002
(415) 591-4461
Roger Lutje or Nils Sharpe

Research-Cottrell
Radel Avenue
P.O. Box 750
Bound Brook, N. J. 08805
(201) 356-2600
Walter F. Waida or Harry Barr

Standard Transformer Co.
212 Dana Street, N.E.
Warren, Ohio 44481
(216) 392-1563
William Ahl

Teledyne Glenn Pacific
703 37th Avenue
Oakland, Calif. 94601
(415) 532-7404
Mike Smith

R. E. Uptegraff Mfg. Co.
P.O. Box 182
Bridge Street
Scottdale, Pa. 15683
(412) 887-7700
June Crowell

Van Tran Electric Corporation
1505 Van Tran Avenue
Vandalia, Ill. 62471
(618) 283-3220
Howard D. Tindall

List of Transformer Askarel Customers (cont.)

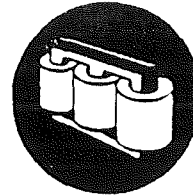
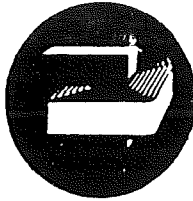
Westinghouse Electric Corporation
South Boston, Virginia
(703) 575-7971
Richard Wareham

Westinghouse Electric Corporation
469 Sharpsville Avenue
Sharon, Pa. 16146
(412) 981-1611
John W. Harrell

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HARTOLDMON0005913

**South Boston
Transformer
Division**



**Sharon
Transformer
Division**

Letter 72-1
File 47-000
April, 1972

Transformer Coolant Considerations

Much confusion has arisen on the subject of Inerteen as a result of proposed government legislation, Federal Drug Administration articles, environmental considerations, industry actions and legal problems.

This letter is published to clarify Westinghouse policy with regard to the use and sale of Inerteen in transformers and our general approach to industry needs.

Inerteen (a polychlorinated biphenyl manufactured by Monsanto) was developed forty years ago as a fire-resistant fluid for heavy-duty electrical components. This is still its primary use. Today, the value of this material as a fire-resistant fluid in electrical equipment to protect people and property from the hazards of fire and explosions is well recognized. These electrical uses have been in transformers and capacitors which are considered closed systems.

Polychlorinated biphenyls have also been used in heat exchangers as a lubricant, as plasticizers in plastics, in carbonless carbon paper and in other industrial uses which would be considered non-controlled and the disposition of the PCBs would be to the environment.

The chemical is considered to a large extent, non-biodegradable and it persists in the environment after use. The Food and Drug Administration are unsure of its risks to humans at low levels and with long-term exposure and are eager to minimize any possible hazard. The FDA is, therefore, considering banning most industrial uses of the chemical in plants that process or make food, feed, or packaging material. Monsanto has already withdrawn its sale for these purposes; however, THEY WILL CONTINUE TO SELL THIS CHEMICAL TO THE ELECTRICAL INDUSTRY WHERE THE SYSTEM IS CONSIDERED CLOSED,

controls can be established and where legal considerations have been established.

1. WESTINGHOUSE SHARON AND SOUTH BOSTON WILL CONTINUE TO FURNISH INERTEEN FILLED TRANSFORMERS. We do not propose to change our policy in the sale of Inerteen transformers where they are required for the application.
2. THE INDUSTRY SERVICES DIVISIONS WILL HANDLE FIELD SERVICING (REPLACEMENT, TOPPING OFF, REPAIRS AND REMOVAL) - OF INERTEEN REQUIREMENTS. Procedures have already been forwarded to the field industry services personnel with regard to handling Inerteen. If your customers require assistance, they should contact industry services who will furnish the necessary field engineer or shop personnel to install Inerteen in customer's equipment when repairs or field makeup dictate this need. The field engineer or shop personnel will also take responsibility for removing the unused or scrap Inerteen from the customer's transformers and disposing of this chemical.

Westinghouse can handle the industry needs for transformers whether they be DRY TYPE, OIL FILLED or INERTEEN. You should continue to sell your customers the type of transformer that best suits his economical, environmental and application requirements as you have sold in the past.

We believe you will continue to experience competition for Inerteen transformers from Kuhlman, General Electric, Hevi-Duty, Niagara and Standard Transformer.

David P. Keiser
D.P. Keiser
Small Power Transformer Division
Marketing Manager

J.C. Gray
J.C. Gray
Sharon Transformer Division
Marketing Manager