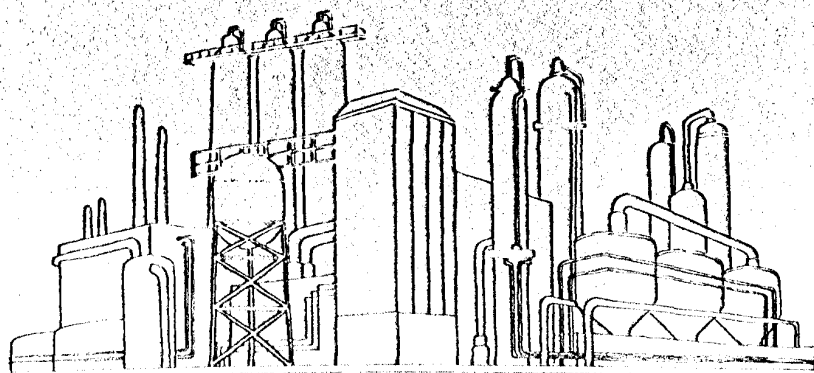


TRANSFORMER

Ascare

Inspection & Maintenance Guide

Monsanto



0205628

Table of Contents

SECTION A

TRANSFORMER ASKARELS	1
I. Introduction	1
II. History of Trade Name Types	1
Table I — The Composition of Transformer Askarels	2
III. Interchangeability	2
IV. Table II — Official Transformer Askarel Shipping Specifications	3
V. Ordering Instructions	2
VI. Stability	2
VII. Precautions When Handling Drums, Tank Cars and When Opening Transformers	2
A. Keep Dry During Handling	2
Table III — Handling and Pumping Temperatures	4
B. Use Ordinary Personal Precautions	4
C. Precautions on Opening an Askarel Transformer	5
VIII. Avoid Environmental Pollution	5
1. Labeling Askarel Transformers	6
2. Disposal of Liquid and Solid Wastes	6
3. Conditioning of New or Recycled Askarel	6
4. Teardown of Transformers for Repair or Scrap	7
5. Transformer Disposal	7
IX. Expected Service Life	7
X. General Characteristics of Transformer Askarel Fluid	7
XI. Sampling Transformer Askarel Fluid	8
XII. Evaluation of Askarel Received in New Equipment	8
XIII. Dielectric Breakdown Voltage — Moisture Relationship	9
Table IV — Relation of Dielectric Breakdown Voltage to Amount of Dissolved Water in Askarel and Mineral Oil	9
Table V — Approximate Solubility of Water in Transformer Askarel and Mineral Oil	10
XIV. Turbidity	10
XV. Check Points for Maintaining Askarel Insulation	10
A. General Considerations	10
B. Modern Sealing Procedures	11
C. The Older Sealing Arrangements	12
XVI. Periodic Fluid Inspection and What Checkpoints Mean	12
A. Visual Inspection	13
B. Dielectric Breakdown Voltage	13
XVII. Inspection Checklist	13
XVIII. Contamination in Transformers	14
Table VI — Effect of Common Insulation Materials on Power Factor and Dielectric Strength	14
Table VII — Effect of Common Insulation Materials on Volume Resistivity of Askarel	14
XIX. ASTM Method for Investigating the Compatibility of Transformer Insulation and Construction Materials in Askarels	15
XX. Refining Askarel for Re-Use	15
A. Filtering Through Dry Blotter Paper to Remove Moisture and Extraneous Particles	15

Table VIII — Water Removal by Filtering Askarel Through a Paper Press	16
B. Disposal of Solid Wastes	16
C. Solid Insulation Requiring Drying	16
D. Earth Treatment for Maximum Improvement of Power Factor and Volume Resistivity	16
Table IX — Effect of Power Factor and Volume Resistivity	17
XXI. Cleaning Arced Transformers	17
XXII. Sampling Askarel	17

SECTION B

ASKAREL FILLED SWITCHES AND TERMINAL CHAMBERS	19
I. Introduction	19
II. Sources of Contamination	19
III. Sealing Switches and Terminal Chambers	20
IV. Askarel Used Under Mild Arcing Conditions	20
V. Maintenance for Askarel Filled Switches	20
VI. Askarel Under Excessive Temperature or Fault Conditions	21

SECTION C

TOXICITY AND SAFE HANDLING	21
I. Inhalation	21
II. Skin Contact	21

SECTION D

ANALYTICAL SERVICES ON TRANSFORMER ASKAREL AVAILABLE FROM MONSANTO	22
Types of Analyses Available:	22
1) Routine Maintenance Check	22
2) Complete Analysis	22
3) Analysis After Earth Refinement	22

SECTION E

APPENDICES	23
Appendix A — Askarel Stability and Composition of Arc Formed Gas	23
Appendix B — Solubility of Gas in Transformer Askarels	23
Appendix C — Effect of Temperature on Dielectric Breakdown Voltage of Askarel	23
Appendix D — Comparison of the Approximate Viscosity in Saybolt Universal Seconds of Transformer Askarels and Mineral Oil	24
Appendix E — The Density of Inerteen 54201 KA 7336-9 and Transformer Pyranol A13B3B-3	24
Appendix F — Thermal Conductivity Values of Transformer Pyranol A13B3B-3	24
Appendix G — Heat Capacity	24
Appendix H — Coefficient of Expansion	24
Appendix I — Fire Resistance	24
Appendix J — Seals, Properties and Procurement	25
Appendix K — Caution Label	25

NOTICE: "Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. MONSANTO MAKES NO WARRANTIES AS TO THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY OF ANY PRODUCT REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations, and disclaims all liability for any resulting loss or damage."

APPENDIX J

Seals, Properties and Procurement

Dow Corning Corporation, Midland, Michigan with Districts at Atlanta, Boston, Chicago, Cleveland, Dallas, Los Angeles, New York City, Washington, D.C. and Toronto has available Bulletin 09-019, August 1962 entitled "Silastic Design Data". This lists the gasket fabricators throughout the country from whom the "Silastic 50" gasketing can be purchased in sheet, extrusions or molded shapes.

Generally, Silastic 50 sheet goods are stocked by local die cutters, hence, could be generally purchased locally. Usually small quantities of gaskets are die cut. If larger quantities are needed, tools are made of the same type used to cut other elastomers.

Where the gasket is extruded for fitting into a machined groove or between gasket stops, Dow Corning advises use of a scarfed joint. This joint is then cemented using Dow Corning's Silastic 140 (clear) or their RTV 731 (white) materials, which air cure.

Dow Corning points out that the local "rubber" fabricators purchase the Silastic 50 in billet form. This is worked on a roll mill in preparation for sheeting or extrusion. Then to obtain the desired physical properties the fabricator must oven cure the Silastic 50 for 24 hours at 480°F.

SPECIFICATIONS*

	Color	White
	Specific Gravity at 77°F	1.20 ± 0.02
ASTM D676	Hardness, Shore A Scale	45 to 60
ASTM D412	Tensile Strength, psi, min	800
ASTM D412	Elongation, percent, min	260
ASTM D395	Compression Set after 22 hrs at 300°F, percent, max	30

*All physical properties measured on 0.075 inch thick samples molded 5 minutes at 240°F, and oven cured 24 hours at 480°F.

APPENDIX K

Caution Label

The following or equivalent caution statements should be fixed on all containers of transformer askarel and the transformers themselves:

This product contains Polychlorinated Biphenyls (PCBs). Care should be taken to prevent entry into the environment through spills, leakage, use, vaporization, or disposal of liquid or containers. Avoid prolonged breathing of vapors or mists. Avoid contact with eyes or prolonged contact with skin. If skin contact occurs, remove by washing with soap and water. Following eye contact, flush with water. In case of spillage onto clothing, the clothing should be removed as soon as practical, skin washed, and clothing laundered.

*and the disposal of any contaminated material as suggested in
American National Standard C 107.1 Guidelines - Disposal of PCBs.*

Monsanto

MONSANTO INDUSTRIAL CHEMICALS COMPANY
SPECIALTY PRODUCTS GROUP
800 N. LINDBERGH BLVD.
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The information herein regarding obtaining optimum results from askarel fluids in your transformer has been accumulated by Monsanto for over 40 years from the experience of makers and users of askarel transformers and it is believed will be helpful.

Nothing herein shall be construed as applying to other than askarel insulation. Date and maintenance suggestions herein do not apply to the other components of the transformer. All operating and maintenance suggestions recommended by the manufacturer of the transformer should also be carefully followed.

Because these maintenance directions apply only to the askarel insulation, Monsanto disclaims any liability for damage to property or injury to persons arising from transformer operation.

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