

UM Committee Acts on New Methods, Revisions, Bleaching Earth

The Uniform Methods Committee met on May 8, 1962, Roosevelt Hotel, New Orleans, La. E. F. Sipos, L. D. Metcalfe, R. A. Marmor, R. J. Houle, J. J. Ganucheau, K. E. Holt, E. M. Sallee and D. L. Henry were present. At the Chairman's request, Edward Hardschumaker sat in for R. L. Terrill.

The following matters were discussed and decided upon as indicated.

Fatty Nitrogen Compounds Method Approved

Methods For a general class of materials under the heading of Fatty Nitrogen Compounds were submitted by the Fat Analysis Committee as having been approved. These methods include the following:

1. Color (APHA).
2. Color, Gardener (1953 Standard Colors).
3. Per cent Water (Modified Karl Fischer Method).



D. L. Henry

4. Total Amine Value of Fatty Amines (Potentiometric).
5. Total Amine Value of Fatty Amines (Indicator).
6. Primary, Secondary and Tertiary Amine Values of Fatty Amines (Potentiometric).
7. Primary, Secondary and Tertiary Amine Values of Fatty Amines (Indicator).
8. Iodine Value of Fatty Amines (Modified wijs Method)
9. Acid Value and Free Amine Value of Fatty Quaternary Ammonium Chlorides.
10. Ash of Fatty Quaternary Ammonium Chlorides.
11. Flash Point of Fatty Quaternary Ammonium Chlorides.
12. Iodine Value of Fatty Quaternary Ammonium Chlorides.
13. Average Molecular Weight of Fatty Quaternary Ammonium Chlorides.
16. pH of Fatty Quaternary Ammonium Chlorides.
17. Nonvolatile (Solids) of Fatty Quaternary Ammonium Chlorides.

These methods were handled individually and all were accepted to be published as tentative under a separate

section of the methods. Numbers according to the system used in the Methods Book are to be assigned.

Editorial changes to be made on Methods 4 and 5: delete references to referee, official and alternate, and omit source of standard sample as it is not needed for the determination.

In 6 and 7 omit referee, alternate and official as done above.

New Bleaching Earth Approved for 1962-63

A report was received on the status of the new Activated Bleaching Earth. The report gave information that in tallow samples agreement was good between the old and the new earth.

On soybean oil, the new earth appears slightly better than standard, but is within acceptable range.

The Fat Analysis Committee recommended that the new earth be accepted and adopted as standard for the year 1962-63.

The recommendation was accepted and approved.

Color Method Revised

The Color Committee recommended revisions to Co 13b-45 to include the new AOCS Tintometer Color glasses and instrument (model D) made by the Lovibond Ltd. in the list of approved apparatus. Their recommendation was accepted and adopted.

ARKANSAS GRAIN CORP.

expands with a
7 car plant for
SOY SALAD OIL

- REFINING—Automated
- BLEACHING—Continuous Vacuum
- DEODORIZING—Continuous

designed and
supplied by

EMI

PARK RIDGE
ILLINOIS

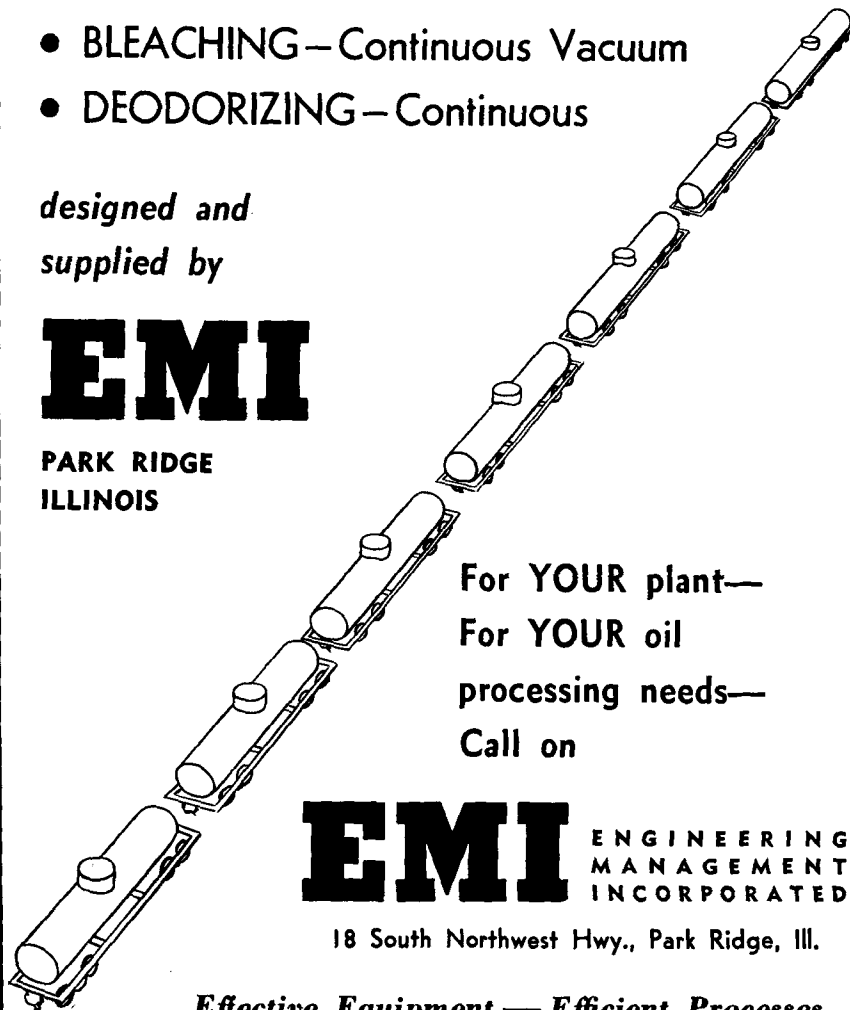
For YOUR plant—
For YOUR oil
processing needs—
Call on

EMI

 ENGINEERING
MANAGEMENT
INCORPORATED

18 South Northwest Hwy., Park Ridge, Ill.

Effective Equipment — Efficient Processes
Economical Price



Olefin- Production

Sand Cracker

LURGI-RUHRGAS PROCESS

by the Cracking of light and heavy Hydrocarbons in the

Sand Cracker for the production of olefins from 70,000 tons of light naphtha per annum

Feedstocks:

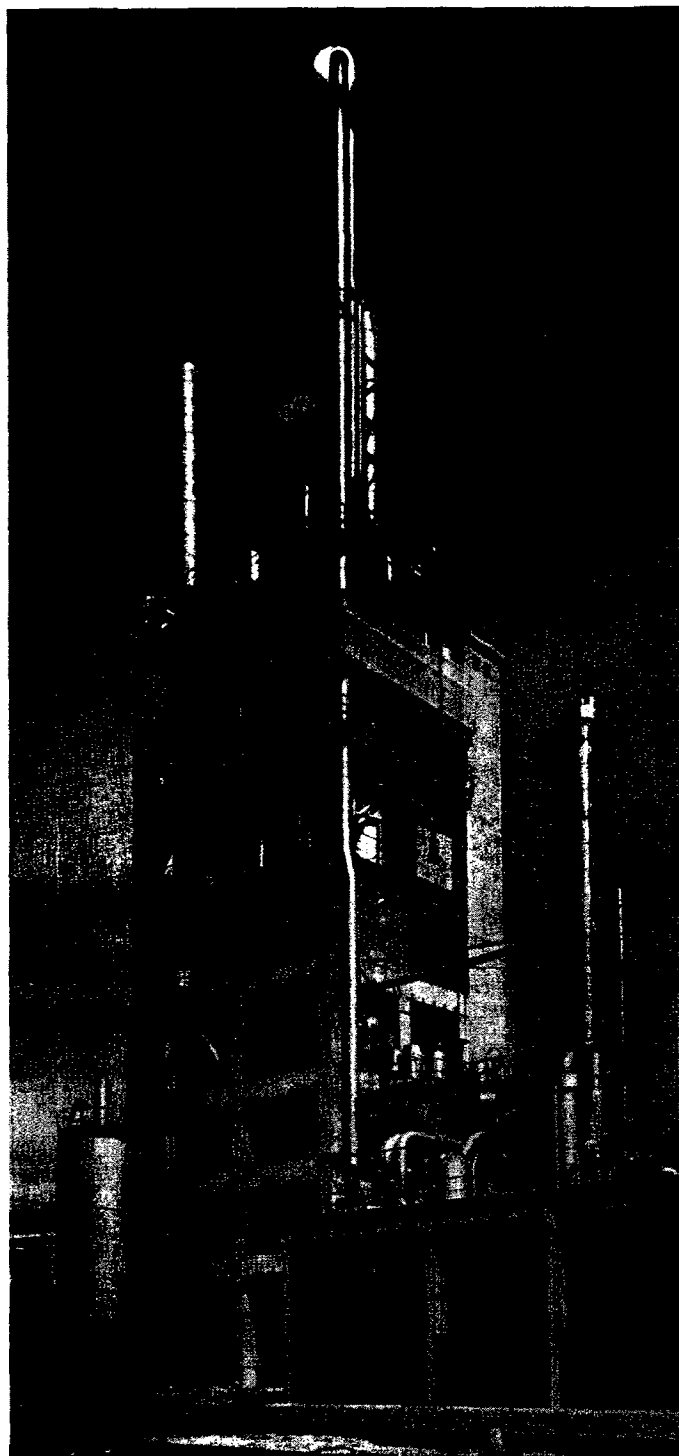
All petroleum products, ranging from liquefied gas to crude oil.

Products:

Ethylene, propylene, butylene and butadiene;
hydrogen and methane;
naphtha with a high content of aromatic hydrocarbons.

Principle of Process:

The preheated hydrocarbons are injected with superheated steam into a bed of hot sand which is kept in a strongly fluidised motion. The heat transferred from the sand to the hydrocarbons effects cracking into olefins. The coke formed during cracking deposits on the sand particles. This sand is withdrawn continuously, reheated and regenerated by burning off the coke deposits in a pipe lift, and returned to the sand bed.

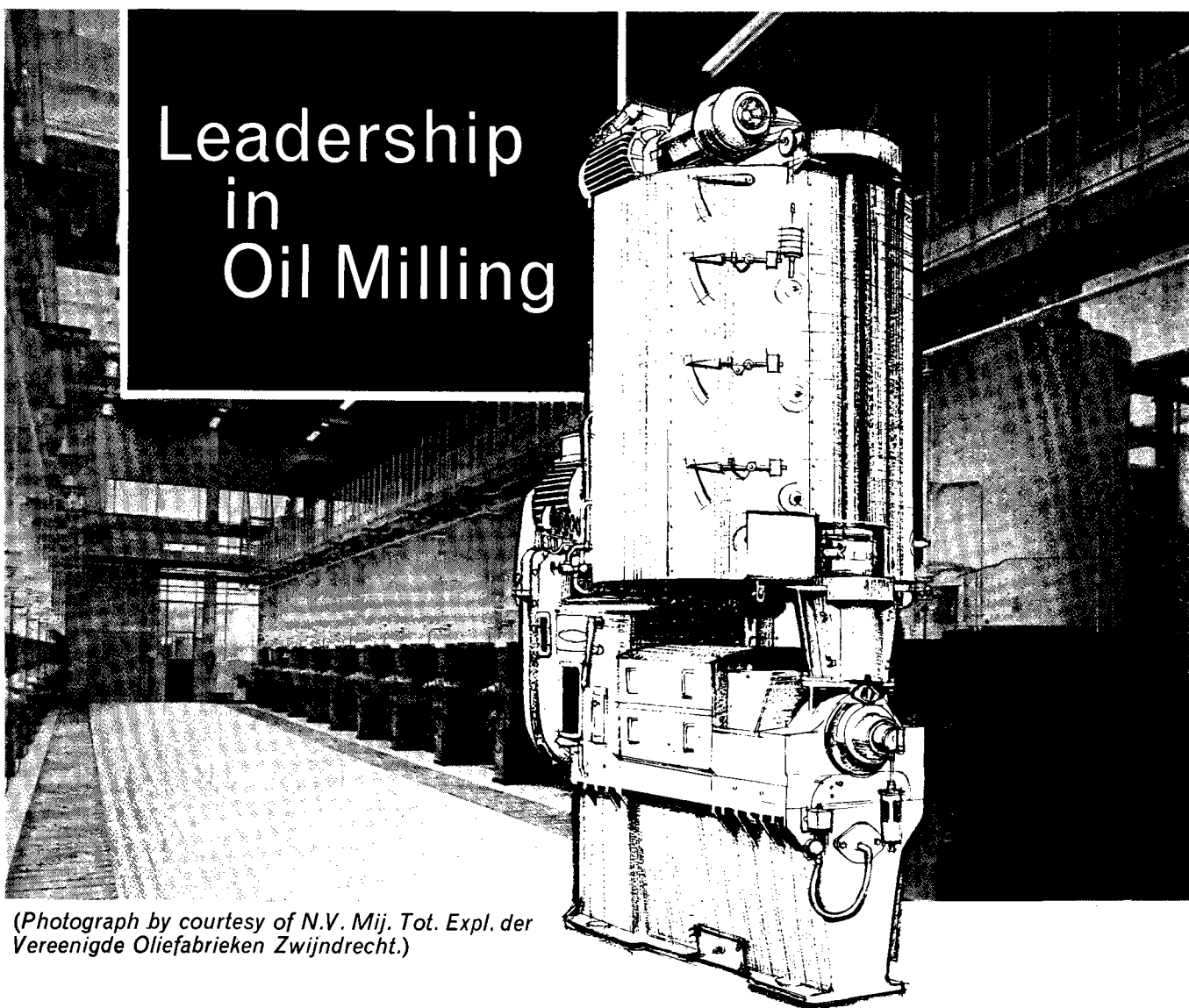


LURGI GESELLSCHAFT FÜR WÄRMETECHNIK MBH
FRANKFURT (MAIN) · GERMANY

LURGI

Associated Lurgi companies:
Lurgi Apparatebau Gesellschaft mbH
Lurgi Gesellschaft für Chemie u. Hüttenwesen mbH
Lurgi Gesellschaft für Chemotechnik mbH
Lurgi Gesellschaft für Mineralöltechnik mbH

Leadership in Oil Milling



(Photograph by courtesy of N.V. Mij. Tot. Expl. der Vereenigde Oliefabrieken Zwijndrecht.)

Rosedowns 'C' type Duplex Oil Screw Press

The leading screw press for single pressing palm kernels and second pressing copra.

Since 1945 Rosedowns have supplied throughout the world over 2,500 screw presses for processing all varieties of oil seeds. This number includes one order for 46 Duplex screw presses—believed to be the largest single order ever placed—as well as many repeat contracts from satisfied clients.

This proved experience in oil mills all over the world justifies ROSEDOWNS claim to be one of the world's leaders in oil milling equipment.



DAVY-ASHMORE GROUP

ROSE, DOWNS & THOMPSON LIMITED . HULL . ENGLAND
LONDON . STOCKTON . GLASGOW . MIDDLESBROUGH . HULL . PARIS . MONTREAL . MELBOURNE . SYDNEY . JOHANNESBURG . SALISBURY . BOMBAY

570

LONDON OFFICE: 15 Portland Place, W.1.