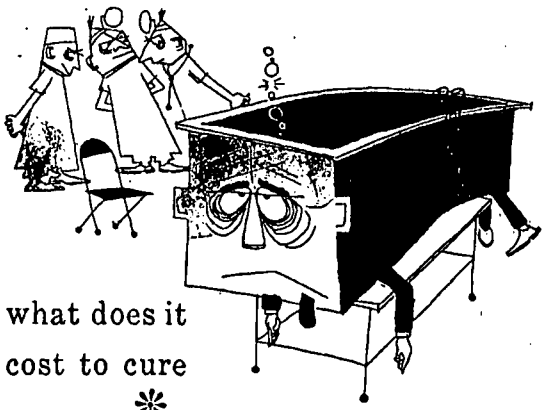


what does it cost to cure

coil-itis in your processing tank?

The constant care it takes to keep tanks operating when they're plagued with coil-itis is extremely costly.

Downtime, and all the other maintenance time, slow heating and cooling ills of using old-fashioned pipe coils can be cured with Platecoils.

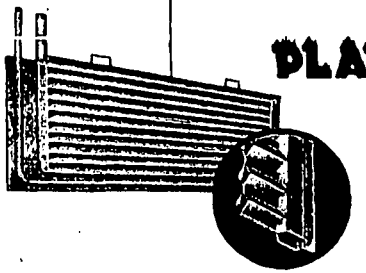
As revolutionary as the new wonder drugs, Platecoils save as much as 50% in initial cost. They take 50% less space in the tank. They simplify maintenance and save hours of downtime. Compared to the hours it takes to clean and replace pipe coils, Platecoils can be cleaned and replaced in no time at all . . . without dumping the solution.

It costs less to cure coil-itis with Platecoils than to suffer its evils. Write for bulletin P79 today!

PLATECOILS SAVE 50% IN HEAT TRANSFER COSTS

PLATECOILS COST LESS TO BUY, INSTALL, MAINTAIN

The Newcomb-Detroit Co., Grand Rapids Division, has found it is less costly to buy, install and maintain Platecoils than to fabricate pipe coils in their own plant. Ask about other case histories.



PLATECOIL

REPLACES PIPE COILS

Coil-itis — Diagnosed as tank heating and cooling problems. Platecoils — the prescription for solving pipe coil problems.

PLATECOIL DIVISION, KOLD-HOLD MANUFACTURING CO., LANSING 4, MICHIGAN

AIR POLLUTION

Continued from

depend on precipitator size concentration and resistivity. T a setting brings an excessive and attendant losses that reduc formance.

Because of these sparking in the precipitator some form of limiting impedance or an device has to go in the circuit to tripping out of rectifier sets from currents and line surges during over. Automatic voltage con other new development, has solv problem by maintaining just th sparking rate so high-efficiency p ance remains steady, Fig. 9. Th cipitator voltage is held at its value by a spark-counter and a circuit through the automatic control.

Effective Energization. In the mental theory of electrostatic p tors, covered above, one essenti good performance was establishin maintaining the proper degree o trical energization. Much rec search has been directed toward ing and stabilizing electrical en tion. These studies have inves the relationship between the magn of the charging field and the coll or precipitating fields, as influenc both the properties of the aeros charge and the type and adjustm the energization equipment. Ou has come pulse energization, a ba new way to supply high-voltage to precipitators.

This method employs a high- high-power pulse-generator capab supplying high-voltage pulses of 100 microseconds duration at quency of several hundred puls second. Pulse output may be co tated to as many as four or ev precipitator sections. Several ha vantages, as compared with conven rectifier-energization methods, de higher precipitator efficiency; degree of electrode sectionalizatio its more-even-strength electric f higher peak voltages through adjus of pulse frequency and wave shap fit individual precipitators; inher current-limiting action.

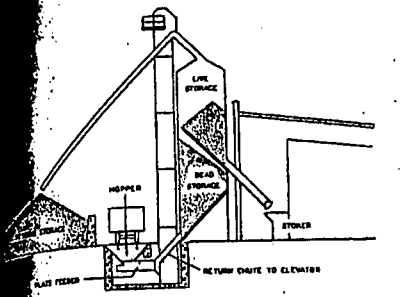
WITH OUR READERS

Continued from

Care and Right Lube Oil Chase Air pressor Fires").

I am always surprised in reading air-compressor lubricants to find so tion of detergent oils. We have found so satisfactory that we almost insist their use.

This entire article seems to talk



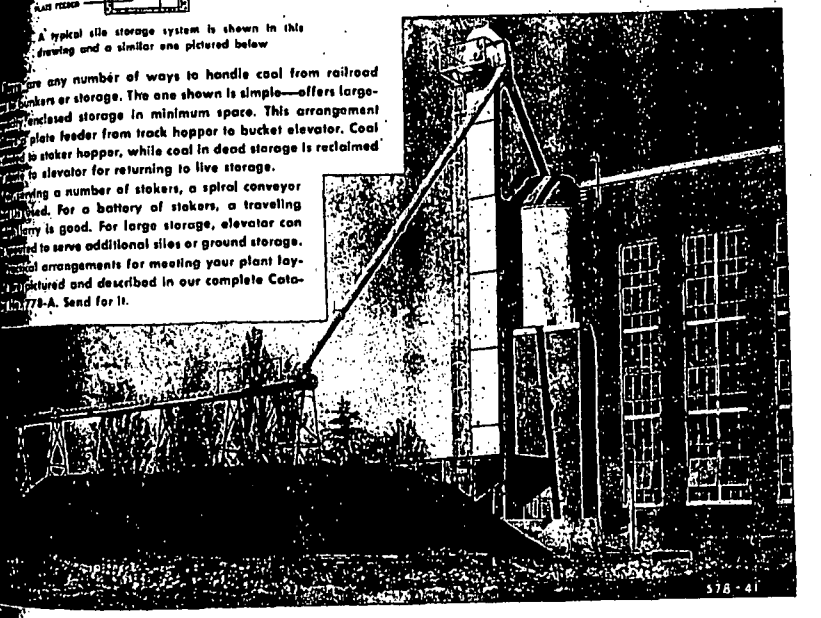
A typical silo storage system is shown in this drawing and a similar one pictured below

COAL HANDLING

From Track Hopper To Bunkers or Storage AT LOW COST PER TON with JEFFREY EQUIPMENT

re any number of ways to handle coal from railroad unkers or storage. The one shown is simple—offers large- enclosed storage in minimum space. This arrangement plate feeder from track hopper to bucket elevator. Coal to stoker hopper, while coal in dead storage is reclaimed to elevator for returning to live storage.

ving a number of stokers, a spiral conveyor ed. For a battery of stokers, a traveling ry is good. For large storage, elevator can ed to serve additional silos or ground storage. al arrangements for meeting your plant lay- pictured and described in our complete Cata- 778-A. Send for it.



THE JEFFREY MANUFACTURING CO.

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PLANTS IN CANADA, ENGLAND, SOUTH AFRICA

IF IT'S MINED, PROCESSED OR MOVED . . . *IT'S A JOB FOR JEFFREY!*