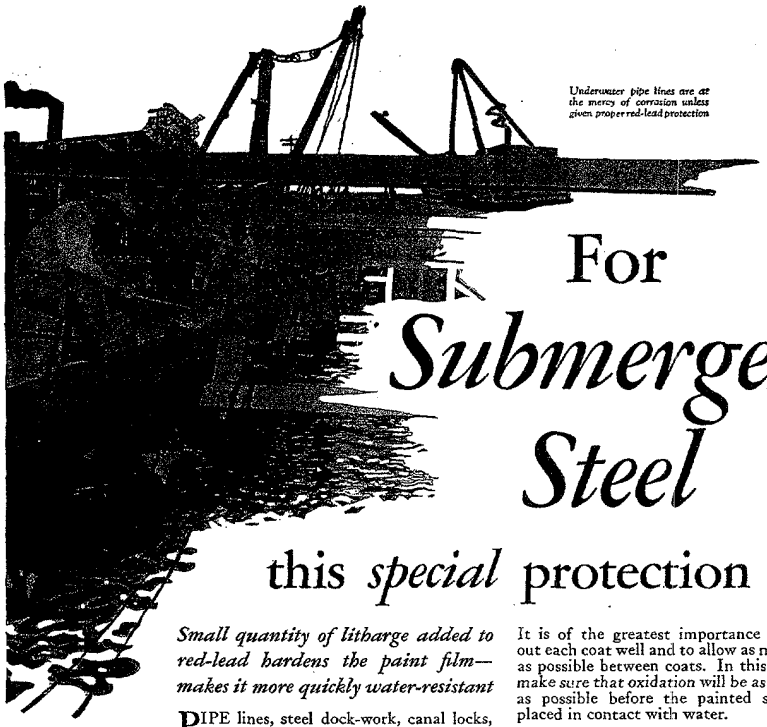
This advertisement appears in Engineering News-Record, February 17, 1927



Underwater pipe lines are at the mercy of corrosion unless given proper red-lead protection

For *Submerged Steel*

this *special* protection

Small quantity of litharge added to red-lead hardens the paint film—makes it more quickly water-resistant

PIPE lines, steel dock-work, canal locks, bridge piers—wherever steel work comes in contact with water soon after it is painted, a special treatment is desirable.

When painted steel is submerged, the drying of the film ceases. Unless the paint is dry and hard before submergence it may lack the fullest degree of water-resistance.

Pure red-lead is considered best for under-water metal protection. But the paint should be prepared especially to meet the unusual conditions. A comparatively small amount of linseed oil should be used. Finally powdered litharge may be added to further harden the paint film.

The following formula is suggested for under-water metal painting. Tests and long experience have proved its effectiveness. Three coats should be used.

100 lbs. Dutch Boy red-lead-in-oil
1½ gals. raw linseed oil
3 pts. turpentine
2 pts. liquid drier

When the paint is ready to apply, add 2 lbs. finely powdered litharge to every gallon of paint.

It is of the greatest importance to brush out each coat well and to allow as much time as possible between coats. In this way you make sure that oxidation will be as complete as possible before the painted surface is placed in contact with water.

Use this proven protective paint

Dutch Boy red-lead is known to engineers everywhere. Tests and experience have proved its protective properties. Dutch Boy red-lead resists the attacks of corrosion. As long as the paint film is kept intact, the rust-forming elements are powerless to do harm.

Dutch Boy red-lead is pure red-lead. You can get it in both paste and liquid form. The liquid comes in the natural orange-red for next-to-metal coats, and also in greens, browns, and black for finishing coats. The paste comes in the orange-red and can be shaded to dark colors.

We shall be pleased to help you solve any question of metal protection. Simply write our Department of Technical Service in care of our nearest branch.

NATIONAL LEAD COMPANY

New York, 111 Broadway • Boston, 800 Albany Street • Buffalo, 116 Oak Street • Chicago, 900 West 18th Street • Cincinnati, 659 Freeman Avenue • Cleveland, 820 West Superior Avenue • St. Louis, 722 Chestnut Street • San Francisco, 485 California Street • Pittsburgh, National Lead & Oil Co. of Penna., 316 Fourth Avenue Philadelphia, John T. Lewis & Bros. Co., 437 Chestnut Street.

Engineers say "pure red-lead"

Pure red-lead is the accepted protective paint for metal of the engineering profession. Of 206 engineers who were recently questioned on painting, 179 (or 85%) said they use, specify or recommend pure red-lead.

DUTCH BOY RED-LEAD