



5 Reasons STRONG* 70 Series Traps give better service!

Look to these five reasons for long, trouble-free service in STRONG 70 Series Traps:

1. Valve and seat guaranteed leakproof for one year—made of STRONG's patented, wear-resistant Anum-Melt;
2. Easy servicing—permitted by the renewable seat design, cover with all working parts easily removed without breaking pipe connections;
3. One piece bucket—stainless steel, no welds;
4. Turbulence avoided, choking minimized, 25% greater capacity—with STRONG's exclusive Hi-Cap' outlet;
5. No dribbling, quick, full opening—high ratio leverage.

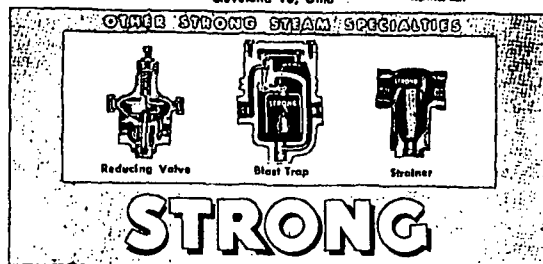
STRONG in-line 70 Series Traps are available in sizes from 1/4" to 1", semi-steel construction. STRONG's "two-in-one" blast trap with integral thermal air vent is also available in the 70 Series (see cut below).

Catalog No. 67 describes these traps in detail along with other STRONG traps. Write today.

*Trademark Reg. U. S. Pat. Off.

STRONG, CARLISLE & HAMMOND COMPANY
1392 West 3rd Street
Cleveland 13, Ohio

Anum-Melt
reg. trade mark



STRONG

for best results. Oil producers must well aware of the fuel requirements of the engines to be served because fuel components may be reshuffled to better advantage during refining. It seems designers, on the other hand, are not equally well informed on fuel availability.

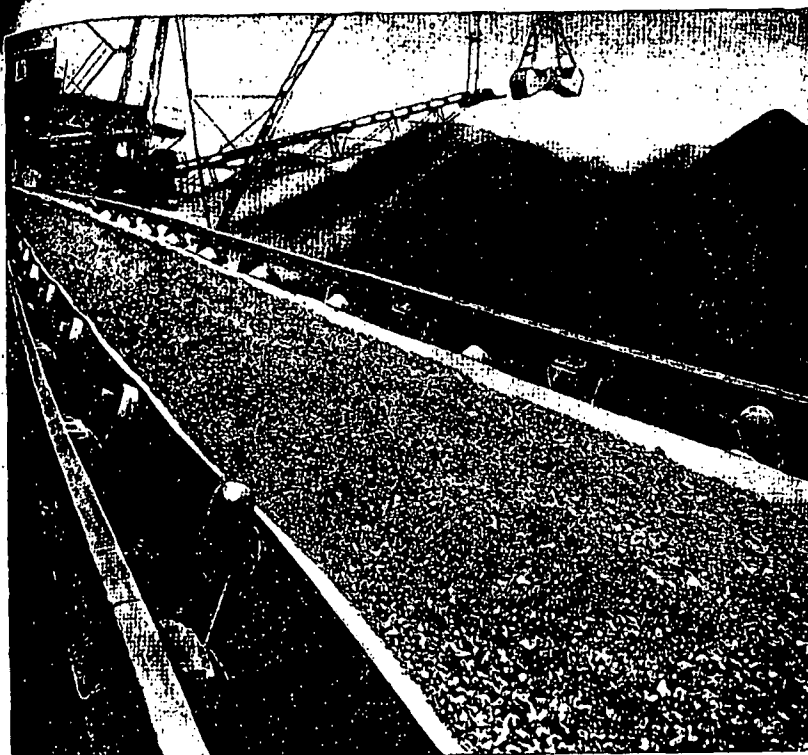
During the last ten years fuel consumption of large compression-ignition engines has not improved significantly. Most likely way of increasing overall economy is to use less expensive grade of fuels than the diesel oils. This requires measures to minimize maintenance, which usually increases with less volatile fuels.

Light distillate fuels should be reserved for internal-combustion engines and domestic-heating burners leaving the heavier oils for steam generation and high-temperature applications. Most significant trend during the last 15 years has been the development of automatic burners interlinked with preheating systems using the viscous fuels. These have been built for capacities up to 250 liters per hour, the majority being of the pressure-jet type, operating intermittently.

Except for aviation gas turbines, which need very light distillates, the gas-turbine designer has great freedom in the choice of combustion arrangements. This makes the gas turbine adaptable to burning almost any kind of fuel oil. In contrast to boiler needs, the gas turbine requires combustion involving a minimum of radiation factors. *EP Paper No. 6, Sec A3.*

Clean Waters, a 16-mm motion picture produced by General Electric Co. in operation with U. S. Public Health Service, had been selected as one of the world's six outstanding sponsored films at the International Films of the World Festival in Chicago. This picture points out dangers of water pollution and need for adequate sewage treatment. The Festival, first U. S. or foreign film competition open to commercially sponsored movies, began Oct 11 and continued to Nov 12. Sponsors included Chicago Film Council, University of Chicago, Northwestern University and General Federation of Women's Clubs. Available for showing before any interested group, the picture has also been purchased for permanent use by 30 state health departments and more than 60 national and local organizations.

Fred M Young, president and general manager of Young Radiator Co., Racine, Wis., left recently for an extended speaking tour of the West and Northwest. His address, *Developments in Engine Cooling Systems*, will be given to members of Society of Automotive Engineers in Salt Lake City; Spokane; Seattle; Vancouver, B. C.; Portland; San Francisco, and Los Angeles.



Making molehills out of mountains

Ever stop to think that the bulk materials you have to handle, if piled together—miraculously enough—would make a small mountain?

Whether it's a mountain of stone, sand, coal, coke, gravel, copper ore, or excavated material, you want to move it at the lowest cost per ton! The easy, quick, efficient way to move that kind of mountain is to install Robins Conveyors. They make molehills out of mountains... move them at speeds up to 2000 tons per hour.

Whether you're digging for diamonds, loading a coal boat or building a dam, you'll like the way Robins Conveyors cut operating costs. And you'll like their rugged construction, their simplicity of design.

What's more, Robins is the only organization that offers a complete conveyor system... including world-famous Hewitt belting. No need to "piece together" your conveyor system from several different sources! Robins engineers the entire job for you.

Write now for complete information on how Robins can help you. There is a Robins Conveyor to meet your individual need.



ROBINS CONVEYORS

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