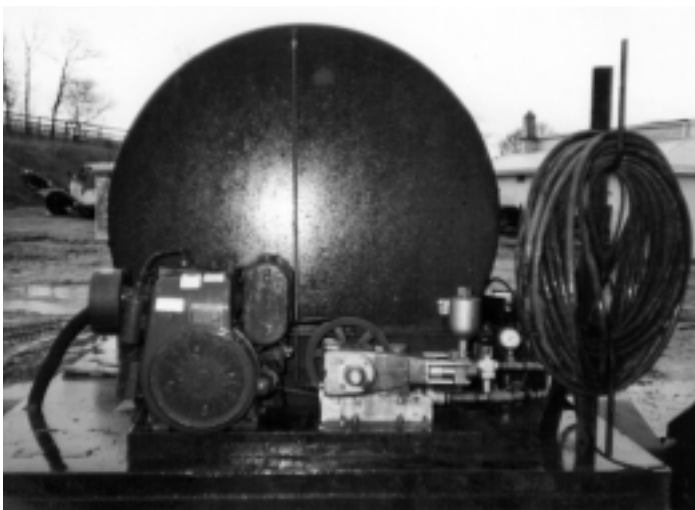


# APPLICATIONS

## PUMPS



### OPERATION:

For the past three years, the people of an Ohio mining company have been very satisfied with the dependable service and effective job provided by their truck-mounted cleaning system using a CAT PUMP. One of many services provided by this system is cleaning the radiators on their crawler tractors, drag line and front end loaders. Daily cleaning of these radiators is essential to keep them operating properly. When the radiator clogs with coal dust and restricts air flow, overheating results and ultimately contributes to shortened engine life. The system is also used to clean over 100 other major pieces of mining equipment prior to preventative maintenance and service. It is important that coal dust be removed from the equipment because it is easier to repair when the equipment is clean, and therefore results in better maintenance. This cleaning system is an integral part of the mining company's daily operation. With the CAT PUMP, the service has been dependable and they have eliminated the costly repairs they formerly experienced on previously owned cleaning equipment.

## EQUIPMENT CLEANING COAL MINING

File No. 98

Section 7

### PROBLEM:

To find a more dependable equipment cleaning system.

### SOLUTION:

Install a low maintenance, dependable, high pressure CAT PUMP model 520.

### SPECIFICATIONS:

CAT PUMPS Model .....	*520
Pressure .....	1750 PSI
Flow .....	5 GPM
Temperature .....	Ambient
Fluid .....	Water
Duty Cycle .....	Continuous
Drive .....	16 H.P. Gas Engine

with electric start off truck battery

\*Alternate CAT PUMP model 5CP2120W.

### BENEFITS:

- Extended engine life with daily radiator cleaning.
- Effective and convenient premainance cleaning encourages better preventative maintenance.
- Clean equipment and surroundings improve job safety.
- Reduced downtime due to cleaner equipment and preventative maintenance.
- Less expensive cleaning system operation due to maintenance free CAT PUMP.



Most mining equipment is-self cleaning, however, high pressure cleaning removes the tougher dirt and grime from the entire piece of equipment and assures the best maintenance results.



On this drag line, high pressure water removes daily accumulations of mud and/or coal dust from stairtreads, radiators etc. to allow efficient and safer operations.



On front end loaders, high pressure water cleans the running gear, reducing wear. This high pressure cleaning also extends the service life of the entire hydraulic system.

*“Customer confidence is our greatest asset”*

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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*The Pump with "Nine Lives"*

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