The "White Hat." He makes fire-resistant fluids easier to buy.



Taking your order is the least important thing the White Hat can do for you.

The Monsanto technical representative wears a white hat because he wants to spend time in your plant.

A man of many talents.

The White Hat can perform a thorough survey of your entire facility, determining which of our Pydraul® or Santosafe® fluids best suits each particular system.

He will be glad to put coded tags on each of your machines to make sure it gets the prescribed fluid—the wrong fluid can mean costly downtime. If fluid leakage is a problem, he can set up the "red tag" maintenance program to help you maximize employee awareness of costly hydraulic leaks.

When you give him an order, the White Hat monitors every shipment to make sure you receive exactly what you ordered when you ordered it. And from time to time, he'll send you information bulletins containing news of the latest developments in the field.

If a problem develops, he'll get in touch with our secret weapon.

The Big Lab.

In St. Louis, Monsanto has the world's largest laboratory and testing facility for fire safety hydraulic fluids.

Among the most up-to-date equipment is the Green Monster, a huge pump test stand for carrying out a variety of different tests under almost any condition. Using equipment like the Green Monster, we can simulate operating conditions, rapidly pinpoint the problem and come up with the answers.

The Guide.

Monsanto offers the widest range of fire safety hydraulic fluids.

The Guide is our new 36-page booklet that contains all the facts and figures you need to buy hydraulic fluids intelligently. In it, you'll find physical properties charts, applications information, viscosity/temperature charts, pump test results, changeover and conversion data, seals and packing information, recommended filters and hoses, and reclamation data.

Your White Hat will be glad to deliver a copy in person or you can mail the coupon.



Monsanto Company
Department B1NB
800 N. Lindbergh Blvd.
St. Louis, Mo. 63166

Please send me a copy of your 36-page "guide to fire-resistant hydraulic fluids."

Name_____

Company_____

Address_____

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Monsanto

We never rest on our fluids.

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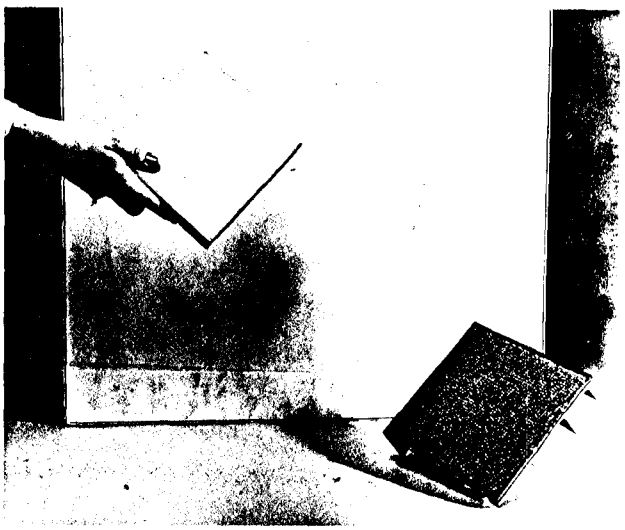

Die cast floor panels are used in computer rooms, hospitals, communications center and other installations. A panel section (shown at right with carpet bonded to it) reveals ribbed construction used for strength.

Removable die cast floor sections

By using standard die cast floor panels, maximum utilization of under floor space is achieved.

Access floors used in computer rooms, hospitals, communications centers, offices, and other installations provide an example of the flexibility of finishing which is possible with die castings. These floors consist of panels either 24 inches by 24 inches or 18¼ inches by 18¼ inches of die cast aluminum A380. Each panel is easily removable to permit access to wiring, piping, duct work, and other underfloor installations.

The access floors may be finished with surfaces of vinyl, vinyl asbestos, plastic laminate, nylon carpet, antistatic carpet, and a wide variety of other materials.

In some situations, the aluminum die castings may be used without any covering at all. In such cases, large sections of carpet are laid over a group of panels; bare panels would not be used in a computer room but have been used in other applications.

The surface material may be selected to meet the needs of the application or may be matched to any decor selected by the interior decorator.

Whatever the surface material is, this is bonded to the die cast panels with a compatible, high creep-resistant adhesive, thus providing a long-lasting, trouble-free surface.

Since all panels are identical, they are interchangeable, hence it is possible to move those in traffic areas to other parts of the room from time to time so that wear is equalized.

The large (24 inch square) panels weigh 15 lbs. each; the smaller panels weigh 10 lbs. each, exclusive of surface material. Their light weight simplifies handling.

The access floors are usually mounted on aluminum die cast pedestals threaded to steel rods. Each unit is capable of supporting a load of up to 12,500 lbs. The floor panel has cast-in pockets that mate with bosses on the pedestal head to prevent lateral shifting. The height of the space in the underflow area may be tailored to the requirements of the installation.

The access floor system provides a below-the-floor air plenum and a means to supply service to various pieces of equipment supported by the floor. Slotted panels and panels with grills or dampers may be installed and later relocated, if desirable, to provide an efficient and flexible adjustment of air supply to heavy head load machines.

The inherent corrosion resistance of aluminum eliminates the danger of iron oxide or paint flakes in the critical room environments. PM

Material for this report was supplied by the American Die Casting Institute.

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