## Folded Core Radiator Plugging Got You Down?

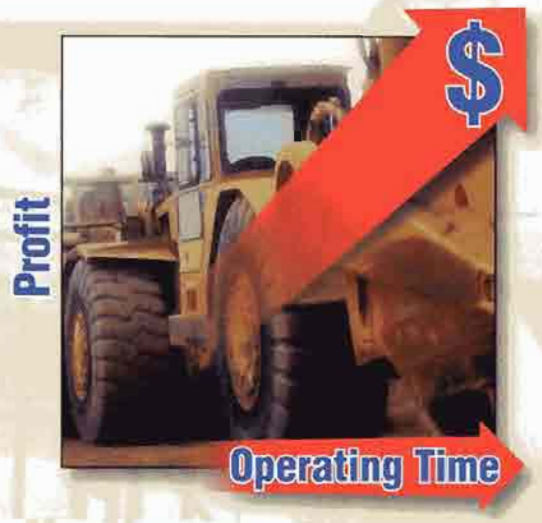
# The GDI LeMaster Core and Adapter Assembly eliminates it for good!

GDI
GO/DAN INDUSTRIES

# The GDI LeMaster Core And Adapter Assembly

## A new way to improve operational profitability and extend the useful life of Caterpillar® equipment in harsh environments.

GO/DAN INDUSTRIES has the solution to reducing maintenance and downtime associated with radiator plugging in folded and modular Caterpillar® cores. In the past, the high fin count and folded core pattern of the OE radiator has shown operators that it plugs more easily than conventional radiator designs, especially in harsh environments.




Operators working heavy equipment in waste dumps, mining operations and other applications where severe dust, airborne chemicals, airborne debris or excessive heat are present have found that plugging continues to be a serious problem. This occurs no matter how frequently radiators are maintained, and no matter how frequently plugged cores are replaced with similar OE-quality folded cores or modules. As a result, severe rusting can occur in a relatively short time. Downtime can increase dramatically. Repair costs can increase. Vehicle life can be reduced.

GO/DAN's new GDI LeMaster Core and Adapter assembly now dramatically reduces or eliminates plugging and associated radiator failures by allowing heavy equipment operators to adapt a conventionally designed GO/DAN core for use in Caterpillar® vehicles quickly, easily and cost-effectively.

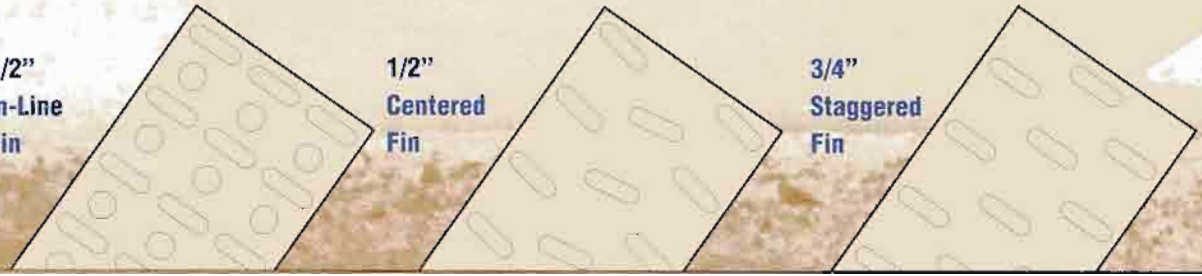

Protective Tube Guards

## Variations To Satisfy Virtually Any Operator Requirement.

The patented GDI LeMaster Core and Adapter assembly offers heavy equipment operators a full range of features and options to meet a wide variety of needs.

Folded cores may be replaced with several different types of conventional tube configurations, including in-line, canted and staggered. All feature flat or dimpled fins to avoid plugging and provide self-cleaning characteristics in many harsh environmental applications. In addition, using the full frontal area of a GO/DAN conventional core often provides the operator, with significant improvements in radiator cooling capability.

Replacement cores are available in steel, brass or heavy copper construction. They can also be provided with many CAT® replacement core features, including face dipping and tube guards (armor shields). Heavy headers, solder-coated fins and fully reinforced headers are standard features of all LeMaster assemblies.

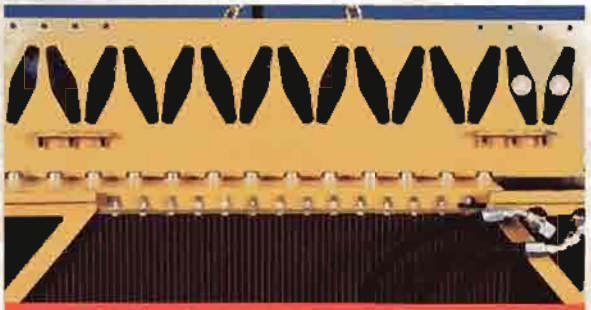


# Installs Quickly And Easily.

The GDI LeMaster Core and Adapter assembly is delivered pre-tested, ready to install. Once the radiator has been removed from the vehicle, the new assembly can be installed in as little time as one hour.

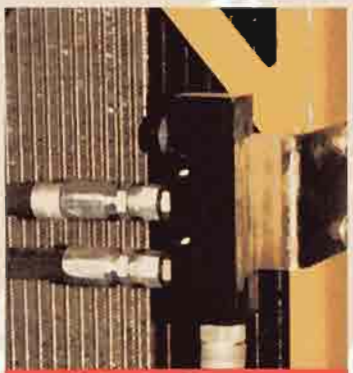
A great advantage of the GDI LeMaster Core and Adapter assembly is that it does not require the operator to replace the complete radiator. It simply adapts the new GDI conventional core to the existing Caterpillar® tank's side rails and uses the CAT® rubber grommet seals.

The carbon steel LeMaster Adapter element of the assembly simply sandwiches between the gasketed GDI replacement core and the Caterpillar® tank, using fresh Caterpillar® seals. Each stainless steel nipple on the adapter then fits precisely into the existing top and bottom tank, replacing the individual tank fittings of the original core modules.

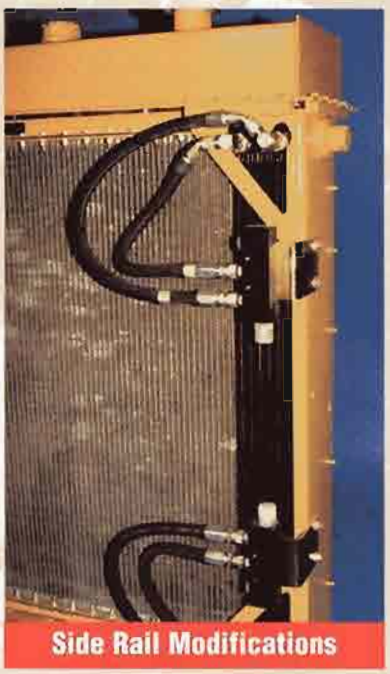


Existing Tank Lines Up With Adapter

Since the GDI LeMaster Core and Adapter assembly uses the original Caterpillar® seal concept, the replacement assembly remains completely mounted between rubber and is able to withstand both severe road vibration and twisting stress. The combination of vibration resistance and proven conventional core design produces a marked improvement over the original assembly.



Oil Cooler Plumbing



Side Rail Modifications

Existing oil coolers can be easily relocated to the side of the GO/DAN core, and generally require only minor modifications to the side rail gussets.

If the existing oil coolers or air conditioning condensers need to be replaced because of plugging or corrosion, GO/DAN can quickly supply conventional replacements mounted to the GDI LeMaster Core and Adapter assembly.

Operators can expect improved oil cooler heat transfer performance with this modification because it allows the full frontal area of the coolers to be employed.