

## **Use of GROTRAN<sup>®</sup> as a Tankside Additive with Spartan Industrial Products Group Coolants:**

GROTRAN<sup>®</sup> is an effective broad spectrum; liquid preservative designed to inhibit the growth of bacterial and fungal microorganisms in water dilutable metalworking fluids.

## **Use of GROTRAN<sup>®</sup> with Spartan IPG Coolants:**

GROTRAN<sup>®</sup> is a product of Troy<sup>®</sup> Chemical Company.

Read and follow product label, technical data sheet and MSDS before using this product.

GROTRAN<sup>®</sup> should not be added directly to other biocides during the tankside addition process.

To control microbial growth in Spartan Coolants, use 12 ounces of GROTRAN<sup>®</sup> per 100 gallons of diluted coolant when recommended by laboratory testing. Thereafter, use 12 ounces of GROTRAN<sup>®</sup> per 100 gallons of diluted coolant once per month to control future growth. Add GROTRAN<sup>®</sup> directly to diluted cooling fluids at least 2 hours before shutdown. Heavily fouled systems will require more GROTRAN<sup>®</sup> as shown in the chart.

<b>Sump Size:</b>	<b>50 Gallons</b>	<b>100 Gallons</b>	<b>250 gallons</b>	<b>500 Gallons</b>
<b>Maintenance Dose:</b>	<b>6 ounces</b>	<b>12 ounces</b>	<b>30 ounces</b>	<b>½ gallon</b>
<b>Heavily Fouled</b>	<b>9 ounces</b>	<b>18 ounces</b>	<b>40 ounces</b>	<b>¾ gallon</b>

Spartan/IPG assumes no responsibility when this product is not used in accordance with its labeling.

### **PACKAGING:**

GROTRAN<sup>®</sup> is available in gallons, 4 per case.

GROTRAN<sup>®</sup> is a trademark of Troy<sup>®</sup> Corporation.