

# TECHNICAL DATA REPORT

HS 5070

## RS-22 Liquid Catalytic Soot Remover

**DESCRIPTION:**

Light yellow liquid without odour.

**PURPOSE:**

To catalytically burn away deposits of soot, especially in coal, sawdust and oil fired boilers.

**HOW TO USE:**

Operate the system until it is very hot. If the unit is not in use, run on high fire at least one hour before RS-22 is applied. While on high fire, spray directly into the hottest part of the flame.

**APPROXIMATE DOSAGE:**

<b>Boiler Size:</b>	<b>Initial:</b>	<b>Maintenance:</b>
10 - 50 HP	4 - 8 Litres	4 Litres
50 - 100 HP	8 - 12 Litres	4 - 8 Litres
100 - 200 HP	12 - 20 Litres	8 - 12 Litres
200 - 300 HP	20 - 24 Litres	12 - 16 Litres
Over 300 HP	32 - 40 Litres	*

\* Repeat application until temperature reduces to normal during routine operation or until soot becomes a light grey ash. Repeat maintenance procedures every 30 days or as needed.

**MAIN USERS:**

All industries where wood, oil, sawdust or coal is used as a source of fuel. Also used in thrash incinerators.

**ADVANTAGES:**

- 1) Eliminates downtime, RS-22 can be applied during operations.
- 2) Reduces fuel consumption by removing insulating soot deposits.
- 3) Quick and easy to use. No messy and dusty manual cleaning.
- 4) Safe to store, non-flammable, non-corrosive and odourless.

**PRECAUTIONS:**

Avoid contact with eyes, wear safety glasses. In case of contact with eyes, flush for 15 minutes with water and get medical attention. Can cause skin irritation, wear rubber gloves when handling undiluted material. Keep out of reach of children.  
Read Material Safety Data Sheet.

**SPECIFICATIONS:**

Physical form . . . . . Clear yellow liquid  
Density at 25°C . . . . . 1.01  
pH (concentrate) . . . . . 7.5 - 8.5