

Ice Fyghter D™

Liquid Belt Ice Preventer and Deicer



The Economical Way to Keep Operating During Harsh Winter Conditions

Ice Fyghter D eliminates coal and material handling problems caused by ice glazing and fines build-up. These problems seriously complicate or prevent operations from functioning to their maximum capability. It can solve these problems, and it works in temperatures to below -41°F.

What is Ice Fyghter D?

Ice Fyghter D is the most economical non-chloride-based belt deicer available today. It was developed to eliminate conveyor problems caused by snow, moisture, freezing and sub-zero temperatures. It recognizes and deals with the specific nature and unique problems of your conveyor system. It saves motors from burning up and belts from tearing when the conveyors are started.

Ice Fyghter D will eliminate ice from building up on the idler and will prevent tracking problems due to ice accumulation. It provides a better, faster labor-reduced conveyor maintenance operation. Most important, it will keep coal going up the conveyor instead of sliding down.



Benefits of Ice Fyghter D:

- Will not damage spray application systems like chloride-based products
- Prevents ice glaze; or if ice glaze is present, spraying will instantly melt it
- Stops coal slides when sprayed at the tail pulley
- Increases friction when belt slippage hampers start-up and threatens burning out the drive motor or causing excessive belt wear
- Prevents or removes ice and fines build-up which may cause improper belt alignment
- Minimizes carry-back
- Non-flammable
- Leaves no residue
- Odorless

Description

Ice Fyghter D is a multi-component, glycol based, liquid belt deicer and anti-icing agent. It eliminates coal and material handling problems caused by ice glazing and fines build-up on conveyor belts.

Applications

Ice Fyghter D can be sprayed on top of the conveyor belt to prevent ice glaze. Application of Ice Fyghter D to tail pulleys, the bottom cover, or trough idlers can prevent ice build-up caused by precipitation or moisture from the coal. It should be applied prior to shut-down to prevent ice formation. Application at start-up or during operation can speed removal of ice and prevent further accumulation.

Physical properties

Specific Gravity:	1.08 – 1.10 Kg/L
Weight per Gallon (US):	9.00 – 9.16 #/gallon
Appearance:	Blue tinted liquid
Odor:	Slight sweet odor
pH:	7 – 8
Freezing Point:	< -41°F
Solubility in Water:	Complete
OSHA Hazard:	Toxic
Flammability:	Non-flammable, non-combustible
Stability:	Stable under normal handling conditions
Corrosiveness:	Non-corrosive
Incompatibilities:	Strong oxidizing materials

Custom application systems designed and installed to fit your requirements.

