

CASE STUDY

Nansulate® Translucent

High Heat

Customer

LS Industries

Location

Wichita, Kansas, USA

Product

Nansulate® Translucent
High Heat

ISSUE:

LS Industries, a designer and manufacturer of large metal cleaning equipment for the industrial and automotive markets, needed to reduce surface temperature of industrial ovens to a worker safe level and to increase efficiency of the oven insulation.



SOLUTION:

LS Industries coated the exterior of 5 of their Heat & Block Blaster ovens which are used for cleaning engines by burning off residue at a temperature of 800F. The external temperature of the ovens after application and cure (7mil dft) of Nansulate® Translucent High Heat dropped from 168F to between 100-115F and was safe to touch while in operation. Their customers were very satisfied with the results of surface temperature reduction and increase in energy efficiency.

LS Industries now plans to offer Nansulate® on all their products requiring insulation, rust and corrosion protection.