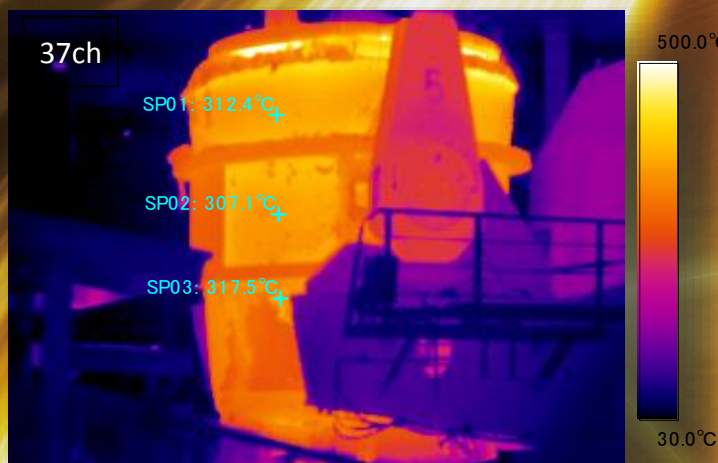
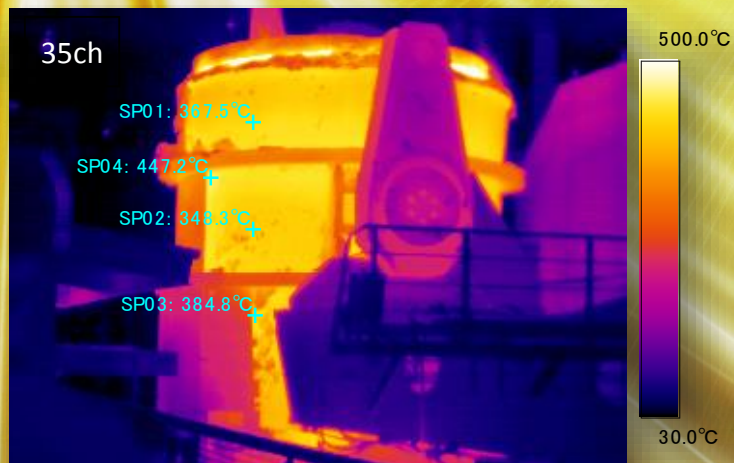


ECONOS

**Low thermal conductivity
low fume emission
graphite-containing bricks**



ECONOS

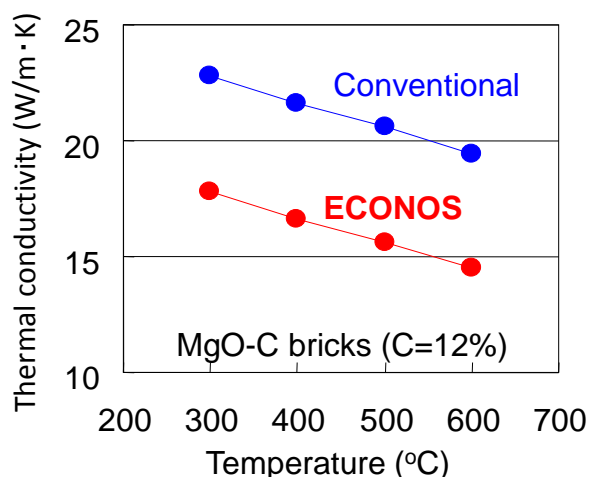


Ordinary

ECONOS technology lowers thermal conductivity of unburned graphite-containing bricks.

ECONOS technology achieves 30% reduction of thermal conductivity of graphite-containing bricks without reduction in service life.

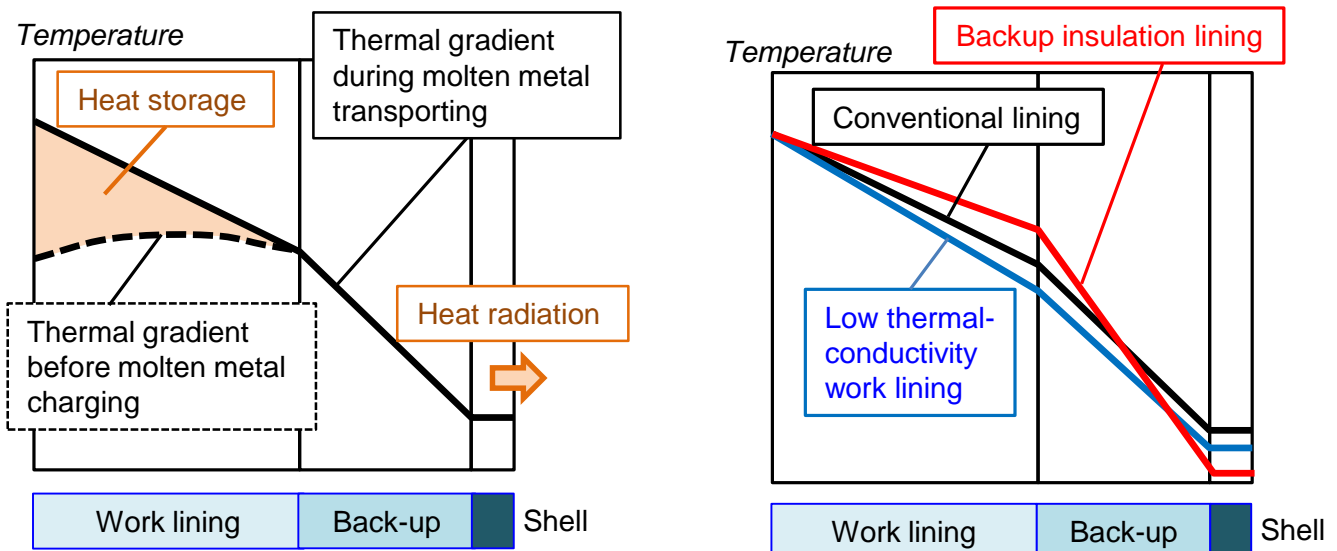
This technology is applicable to any kinds of unburned graphite-containing bricks and effectiveness of this technology has been validated by commercial applications for steel ladles as well as torpedo ladles.



Saving heat loss

Low thermal conductivity work lining system reduces heat emission from working surface as well as shell surface.

Along with vessel operation, heat tends to be emitted from not only shell surface but also working surface. In terms of overall heat loss and service life of the vessels, application of ECONOS to work lining is recommendable.



Reduction of fume emission

Fume emission during heating-up is also reduced by application of ECONOS technology.

Application of ECONOS technology also reduces odor aromatic gas emission from brick during heating up.

Application of ECONOS technology does not have adverse effect on durability.

