



**400 HEATS ACHIEVED IN TRANSFER
LADLE WITH HASLE D59A EF**

Lining lifetime in transfer ladle more than doubled using HASLE D59A-Easy Flow

A Malaysian alloy steel production plant had trouble with the lining lifetime for their transfer ladles of 2,000kgs and 3,000kgs. Using a local castable, they were unable to achieve a lining lifetime of over 70 heat cycles. They also tried using a European self-flow castable, which resulted in only 30 heats more, a disappointing total of about 100 heats before relining was necessary.

The transfer ladles in the steel production plant are not continually in use. They are preheated for transferring steel liquid from the furnace to the moulds, and then left to cool down. The tapping temperature is 1650 °C and the tapping time is

about 10 mins (furnace to ladle) and 30 mins (ladle to mould). We recommended using HASLE D59A Easy Flow, which has high mechanical strength and excellent shock- and abrasion resistance.

Finally, the transfer ladles' lining achieved an outstanding lifetime of 400 heats with HASLE D59A Easy Flow. The production manager reports that the castable has showed good performance and that slag does not stick to the lining.

Contact us today at info@hasle-refractories.com to find out how we can help extend the lining lifetime in your plant.



Ladle after 142 cycle heats



Ladle after 195 heats and still running