



Compounding for hot cap retread truck tires

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Abstract

The advent of the retreading of radial tires has brought about a renewed activity in tread compounding. The higher cost and premium expected performance of the radial truck tire has required greater sophistication in inspection, retreading, and repairing. Consequently, a greater demand for longer wearing, lower cost/mile tread compounds has resulted. Although standard grade truck compounds will remain popular for a number of applications, the future successful truck tire retreader will have to be a successful radial truck tire retreader and the successful tread rubber supplier will have to meet his needs.

This paper will discuss the tread compound requirements for medium truck tire hot cap retreads and the make-up of these compounds. It will also discuss how to determine quality of a compound and how not to determine compound quality.

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