

Application of Anti-reversion Agents in Tread Compound of Truck and Bus Radial Tire

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Abstract: The application of anti-reversion agent WK901, WY988 and KA9188 in the tread compound of truck and bus radial tire was investigated. The results showed that, by adding anti-reversion agent WK901 in the tread compound, the anti-reversion property and aging resistance of the compound were the best. By adding anti-reversion agent WY988 and KA9188, the modulus, elasticity and fatigue resistance of the compound were improved, while the heat build-up and rolling resistance decreased.

Key words: anti-reversion agent; truck and bus radial tire; tread compound; anti-reversion property; dynamic mechanical property

固铂扩展Severe Series载重子午线轮胎系列

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美国《现代轮胎经销商》(www.moderntiredealer.com) 2018年10月30日报道:

固铂轮胎橡胶有限公司推出了新固铂Severe Series Mixed Service Drive (MSD) 轮胎, 扩展了其Severe Series载重子午线轮胎系列。

固铂Severe Series MSD轮胎(见图1)胎面深度为25.4 mm(1英寸), 专为应对最恶劣的越野条件而设计, 同时能够满足车队在公路上行驶时所需的长期均匀磨损。



图1 固铂Severe Series MSD轮胎

固铂全球载重轮胎业务执行董事Gary Schroeder表示: “固铂新一代Severe Series MSD轮胎能够经受非公路轮胎所要求的剧烈刮擦、切割环境。固铂Severe Series MSD轮胎和所有固铂载重轮胎提供的性能有助于降低车队的轮胎运营成本。”

胎肩外侧三角花纹加强筋有助于提高固铂Severe Series MSD轮胎的牵引力, 同时减轻了胎踵-胎趾的磨损。为了降低车主总成本, 精密化设计的耐久胎体以及排石子设置可以确保多次翻新, 使用寿命超过原胎面寿命。

固铂Severe Series MSD轮胎有11R22.5 (LRH) 和11R24.5 (LRH) 两种规格。

(张 钊摘译 赵 敏校)

一种轮胎材料

由长沙丰畅车辆工程技术有限公司申请的专利(公开号 CN 108530721A, 公开日期 2018-09-14) “一种轮胎材料”, 涉及的轮胎胶料配方为: 橡胶 50~100, 炭黑 60~120, 粘结剂 10~20, 聚芳酰胺 2~5, 促进剂 2~3。该配方胶料成本低廉, 所制轮胎寿命长、抓着性能好, 且具有较优的耐磨性能。

(本刊编辑部 马 晓)