

at rim seat 354 mm, bead width at rim seat 170 mm, maximum width position of cross-section (H_1/H_2) 0.95, strip pattern, pattern depth 10.5 mm, total number of pitches 50, block/total ratio 73%. In the construction design, the following processes were taken; three-formula and four-piece extruded tread, 2 layers of 1670dtex/3 polyester cord for carcass ply, $2+2\times 0.30$ HT and $2+7\times 0.25$ HT steel cord for belt ply; using two-stage building machine to build tires, and using tire shaping and curing press to cure tires. It was confirmed by tests that the performance of the tire with either $2+2\times 0.30$ HT or $2+7\times 0.25$ HT steel cord in belt ply met the requirements of national standards. Compared with that of the tires with $2+2\times 0.30$ HT steel cord, the inflated peripheral dimension, high speed performance and transverse rigidity of the tires with $2+7\times 0.25$ HT belt steel cord were similar, but the strength performance and endurance performance were better, and the longitudinal rigidity was lower.

Key words: light truck radial tire; structure design; construction design; belt

蒂坦扩大固特异农用轮胎 LSW 阵容

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美国《现代轮胎经销商》(www.moderntire-dealer.com)2014年9月3日报道:

蒂坦国际有限公司宣布其固特异农用轮胎品牌推出4款装配于拖拉机、联合收割机和洒水车新的低断面(LSW)轮胎/轮辋,固特异 Custom Flo Grip COB 轮胎(见图1)为其中之一。



图1 固特异 Custom Flo Grip COB 轮胎

LSW 轮胎与标准轮胎相比轮辋直径大、胎侧窄,提高了稳定性,减轻了路面颠簸和土壤压实,增大了运输速度。蒂坦称,以上所有结论均经终极用户多年实地验证得出。

“作为农业轮胎/轮辋的唯一制造商,我们10多年来一直进行着针对 LSW 技术的积极进取的研发工作和实地验证工作。在农田里 LSW 轮胎优于标准轮胎被证实后,我们就决定扩大产品阵容。”蒂坦轮胎和固特异农用轮胎的农业轮胎产品

经理 Scott Sloan 称。

固特异 Custom Flo Grip 1250/35R46 LSW 轮胎为美国田纳西州的大量轮胎经销商设计,这些轮胎经销商的顾客群需要选择具有越野性能的 R-2 花纹胎面轮胎用于水稻和甘蔗种植,但其运输阶段采用市面上现有的 1250 规格轮胎存在严重问题。

公司称,Custom Flo Grip 轮胎的越野性能和牵引性能优异、行驶平稳。为联合收割机前端轮位设计的可替代标准 1250/45-32s 和双胎 510s 规格的该轮胎拥有深的 R-2 花纹胎面以及用于平滑路面行驶的低断面,在极端泥泞的土壤上仍然能够提供绝佳的牵引和越野性能。

LSW 轮胎的超低断面设计极大地减小了道路行驶中胎侧变形,有助于提高运输速度、操作舒适性和工作效率。

固特异 Optiterra 1000/40R32 LSW 轮胎为固特异 Extreme Flotation 系列产品,装配于 MFWD 拖拉机前端轮位,与装配于后端的 1100/45R46 LSW 轮胎相配合。固特异 Optitrac IF710/60R46 LSW 轮胎设计用于 4WD 拖拉机和 MFWD 拖拉机后端、联合收割机前端和洒水车(用于越野行驶)。固特异 Super Traction Radial IF710/60R30CFO LSW 轮胎为 MFWD 拖拉机前端和联合收割机后端设计,可替代标准 28LR26 规格轮胎。

(马 晓摘译 许炳才校)