

Genuine Joy Service Products Shuttle Car Tyres



**32 ply load-rated tyre
with sidewall reinforcement**

Benefits at a glance

Increased productivity

- Wear indicators help manage tyre replacement cycles, reducing unplanned downtime
- Slick tread pattern decreases ground pressure while offering superior traction and wear
- 32 ply tyre with sidewall reinforcement resists cuts and bulging, reducing downtime

Lower total cost of ownership

- Extra deep tread depth maximizes tyre life, extending wear and improving cut resistance
- Proven to increase tyre life by up to two times
- Unique tyre compounds minimise chunking and material loss

Enhanced safety

- Load-rated tyre minimises risk of tyre failure

Genuine Joy tyres are load-rated and designed for rigorous underground haulage applications. These tyres are proven to be extremely durable and extend tyre life by up to two times, lowering operating costs and improving productivity.

Genuine Joy tyres are tested, approved and recommended for use on our haulage equipment. They isolate your equipment from shock loads, extending component and machine life keeping your machine operating longer per set of tyres.

Joy service products are engineered to meet our exacting application and design standards, resulting in optimal system performance. Genuine Joy parts, for Joy machines. They're a perfect fit.



Real world testing, superior results

Joy's new shuttle car tyre was tested in real world conditions for over 15 months at a coal mine with uneven, muddy floors. The tyres were first installed on June 8, 2015, on a Joy 10SC32-56C shuttle car, and closely monitored by Joy's service team. Fifteen months later, with no failures, and over 1450 hours on the traction hour meter the tyres showed tremendous wear resistance. The competitive tyres operating in the same section failed at 5 months of operation. Prior to this trial, the customer was experiencing an average life of six to eight months per tyre.

Measured wear of Joy Tyres after 15 months

Tyre 1

Tread depth on fitment = 72.82mm
Inspected tread depth = 36.98mm
Wear = **35.84mm**

Tyre 2

Tread depth on fitment = 73.09mm
Inspected tread depth = 39.65mm
Wear = **33.44mm**

Tyre 3

Tread depth on fitment = 72.36mm
Inspected tread depth = 40.37mm
Wear = **31.99mm**

Tyre 4

Tread depth on fitment = 72.52mm
Inspected tread depth = 39.05mm
Wear = **33.47mm**



Tyre wear after 16 months' usage.



Genuine Joy Tyres...

...Maximum productivity of your equipment – Joy tyres are a load-rated 32 ply with reinforced sidewall that resist cuts and reduce downtime

...Increased replacement intervals – Joy tyres are proven in tough mining conditions to last longer, reducing maintenance

...Reduced operating costs – Our mining duty-rated tyres minimize shock loads to equipment, reducing damage to key components and equipment

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