



Safety Alert

Second Hand Earthmover Tyres

The current earthmover tyre shortage is forcing mine owners to consider purchasing and using second hand tyres.

The following is a non exhaustive list of recommended actions to assist the safe introduction of such tyres on mine sites.

1. Ensure each tyre has been inspected by a competent person to assess safety and serviceability.
2. Upon receipt, these tyres are to be thoroughly cleaned and clearly identified ie brand a new ID number, and be reinspected, inside and out, for any damage or condition that may make the tyre unsafe or unserviceable.
3. Ensure that the tyre and rim are compatible before fitment.
4. After fitment to the rim, carefully inflate the assembly as per site SWP, but stop inflation at a low pressure ie 5 to 10 psi and leave the tyre isolated for a specified time, eg 1 to 1 ½ hours, in an area away from the normal working area.
5. Hose down the assembly and inspect for leaks, bubbles or bulges if a leak and or any irregularities are observed deflate the tyre immediately and tag as unserviceable.
6. If OK, continue to inflate the tyre per site SWP to 30 to 40 psi and isolate for 1 to 1 ½ hours and repeat the hose down and inspection as per Item 5, then leave isolated for a further 12 hours.
7. Provided the assembly has not lost any inflation pressure, and there are no visual conditions which would suggest the tyre is unserviceable continue to inflate as per site SWP to full cold inflation pressure.
8. For safety reasons, it is recommended that second-hand tyres are not installed on steering positions. It is recommended to uniquely identify/colour code all second hand tyres to prevent accidental fitments to a steering position.
9. Ensure inflation pressures continue to be monitored regularly as per site SWP

Following the above steps will help to better manage the risks associated with using second-hand tyres.

ELIMINATE ALL UNSAFE ACTS

Tilman Rasche

Manager – Global Risk & Business Improvement

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