HUSHPAK SOUND

Idler Wheel Treatment

Undercarriage Noise Attenuation

Hushpak Engineering has your solution to dozer noise. Our understanding of noise, together with our proven track record, tailored approach and readiness to take on a challenge enables us to solve your noise problem.

UNDERSTANDING IDLER WHEELS

Noise reverberates through both the track plate and the idler wheel. Effective damping of the idler wheels can achieve a **3dB(A)** noise reduction on a CAT dozer. Following this modification, the dominant source of noise is from the grouser plates as the track chain impacts the sprocket and idlers.

IDLER WHEEL TREATMENT

Hushpak has developed a successful and cost effective method for damping idler wheels. Field testing shows Hushpak idler wheel treatment reduces the overall sound level of the dozer under most operating conditions. Attenuated idler wear rate is identical to non attenuated idlers.

To complement undercarriage noise reduction, Hushpak offers a range of additional dozer noise attenuation packages, including treatment of:

- Exhaust
- Engine bay
- Cabin
- Track Plate or Grouser Dampers

As dozers vary within each mine site, the noise reduction required, and the role of the dozer must be considered before deciding how to best mitigate the problem.

HUSHPAK
ACHIEVING UP TO
3dBA
Reduction

Hushpak continues to lead the way in research and development of dozer noise attenuation solutions. Our products and treatments successfully meet the challenge brought by the harsh environment of an operating dozer, while retaining suitable acoustic attenuation performance.

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