

# INDUSTRY INSIGHT

Sustainability



Jan/ Feb 2021

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a DAYWALK specialist**

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### Welcome

The focus for this year is on bringing meaningful change in the heavy industry through sustainable and environmentally-friendly solutions that last longer in the field and are reusable within the supply chain. This means that the DAYWALK offering will have a minimized effect on the environment as they can be reused and don't end up in landfill or the sea after use.

### DAYWALK's focus

Our focus on solutions for heavy industry is driven by the solutions both being effective in the transport and storage of spare parts and also meeting environmental responsibility demands that are becoming more important in heavy industry.

We aim to protect all lives in the product life-cycle including the persons who use the solutions onsite.

“ Life is precious

With millions of tonnes of plastic being used with only a fraction of that plastic being recovered, it is clear that if plastic is not handled correctly at the end of its life it could end up impacting our environment and lives down the road.

DAYWALK foresees a number of challenges in current plastic preservation applications with the use of LDPE (common plastic) in heavy industry including:

- LDPE shrink sheet can be easily cut, allowing the weather easy entrance
- LDPE sheet can only be used once if it is shrink-wrapped onto a part
- LDPE sheet has a high moisture vapor transmission rate (MVTR) meaning that moisture breathes through plastic easily
- LDPE sheet is hard to send for recycling if it is being used at a remote site

### A spotlight on sustainability

Environmental challenges continue to shape the way that heavy industry innovates and does business. With environmental sustainability being so high on the agenda, it is clear that conventional methods of preservation must be replaced with more sustainable alternatives.

Annual Australian plastics consumption and recovery 2014-15 to 2017-18 (tonnes)

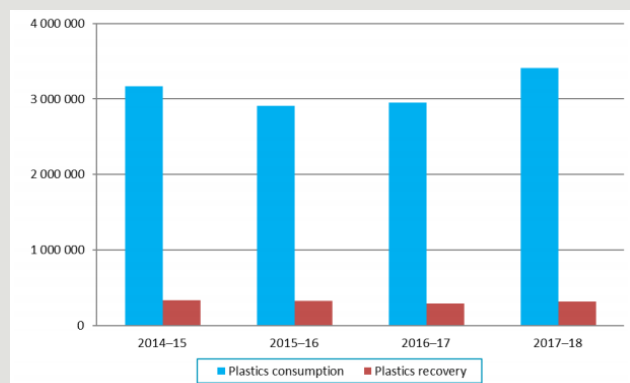
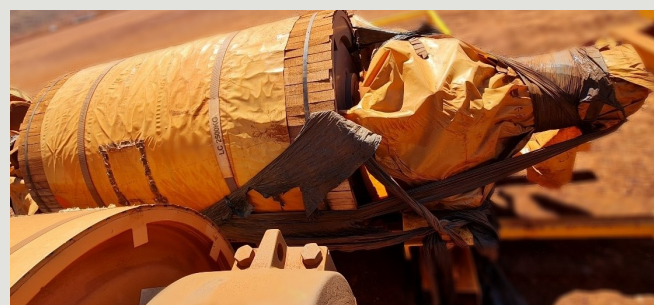


Image © Department of Agriculture, Water and the Environment



Images: LDPE Sheet Decomposition



## The DAYWALK approach

Our focus at DAYWALK is to break new ground in technology for heavy industry, with reusable solutions that can reduce the amount of one-use plastics ending up in the waste.

**DAYWALK's solutions include the following:**

- Made in Australia
- Some materials provide 10+ years protection
- Washable and extremely low maintenance
- Component can be easily accessed for inspection by maintenance teams
- Customisable with branding or accessories to meet the site and supply chain specifications
- Lower moisture vapour transmission rate than LDPE
- Commercially viable - repay on second use or first rewrap
- Easily Repairable

DAYWALK is continually innovating our offering of reusable substrates and materials with the inclusion of corrosion inhibiting and sustainably-sourced products including Canvas-based materials.



## In the field



The re-usable bags are nice. Save us wrapping motor, and they can unzip to access the items if they need to.

*OSR Advisor*



The zippers worked a treat and the internal condition of the pulley was impressive after 8 months on site (in the Pilbara).

*Rotating Equipment Specialist*

## SKF Mill Pinion

This customised cover was designed along with DAYWALK's rated and certified transport system to maximise protection of the critical component during transport and onsite.

This 4m long component cover provides complete part encapsulation that can be repeated for years into the future.



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