

# BLENDCOR. EXCELLENCE PROTECTED BY SMI CASES

THE PETROCHEMICAL SECTOR IS PARTICULARLY DEMANDING AND REQUIRES PRECISE AND SAFE PACKAGING IN THE PACKAGING PROCESS OF JERRYCANS, DRUMS, OIL CANS AND LUBRICANTS, ESPECIALLY IN THE PRESENCE OF FLAMMABLE MATERIALS.

In South Africa, if you stop at any Shell or BP garage to buy engine oil or lubricant, you will find Blendcor products, an excellence in the petrochemical industry.

Focused on automotive, mining and energy-related products, Blendcor believes in the achievement of excellence through customer satisfaction, innovation and team working; furthermore, as an operating unit of Shell and BP, two of the largest oil companies in the world, Blendcor is obliged to comply with international standards for the achievement of the highest quality of the products.

Blendcor production facilities make use of technologies of the latest generation to achieve maximum efficiency and quality. Among these



are the solutions supplied by SMI for the secondary packaging of 5L jerrycans of lubricating oil in wrap-around boxes.

To increase productivity, efficiency and quality inside the packaging lines of rectangular 5L PVC jerrycans containing lubricating oil, SMI, thanks to the support of its local partner Caltech Agencies, provided a functional and competitive packaging solution, consisting of a divider from the DV 500 range, an LWP 30 ERGON wrap-around case packer and conveyor belts serving the two machines.

To monitor and improve the production efficiency of the plant, SMI provided a dedicated software to manage the communication between the DV 500 divider and the weight controller and the product evacuation system installed upstream of the divider.

The jerrycans that do not fall within the weight parameters defined by Blendcor are rejected, while the correct ones are divided into two rows of conveyor belts at the infeed of the LWP 30 ERGON case packer and packed in 2x2 wrap-around cardboard cases.

### LWP 30 Ergon Wrap-Around Case Packer

Packaging solution suitable for the protection of lubricants in 5L jerrycans, packs several types of containers, both cylindrical and shaped, wrap-around cardboard boxes are resistant to impacts and preserve the product integrity and quality, the cases realised with the wrap-around system are more stable and versatile, efficient solution, with a great quality/price ratio.

### DV 500 S Ergon Divider – Laner

Compact and flexible system for dividing containers into more rows and

laning them towards the wrap-around case packer, continuous-motion divider, that ensures a smooth and constant packaging process, the model supplied to Blendcor has an optional software for communication with the weight and evacuation system installed upstream of the divider.

### Conveyor Belts

Smooth and constant handling of containers entering the LWP, use of high-quality components and wear-resistant materials, that reduce friction and noise, thus preserving the quality of the transported packs, high reliability of the system, thanks to AISI 304 stainless steel structure and components and simplified maintenance operations.

### The Role of Partners

Blendcor attributes a key role to all partners who, by working with the company to maintain high quality and safety standards, contribute to its economic development, the creation of the value chain and market competitiveness.

The direct collaboration with SMI and the local partner Caltech Agencies is part of this context and contributes to the achievement of Blendcor's objectives. Thanks to SMI's long experience in the field of packaging and the supply of state-of-the-art machines, the Durban-based company ensures the appropriate packaging to preserve the quality of its products and their competitiveness on the market.

The first collaboration between Blendcor and SMI dates back to 1997 with the supply of a shrinkwrapper of the APET series for the packaging of 0.5L steel cans in the 5x2 film

only format and an AF 432 B model shrinkwrapper for the subsequent 'repacking' in 4x4 film only formats.

Over the years the collaboration has been consolidated and in 2002 SMI supplied a WP 300 XL wrap-around case packer, a DV 200 divider/channeler and conveyor belts to process three different types of 5 litre HDPE jerry cans in wrap-around cardboard boxes in the 1x3 and 1x4 format.

### Focus on Blendcor

Owned by international oil giants, Shell and BP, Blendcor (Pty) Ltd was established in 1992 and from its 53,000m<sup>2</sup> headquarters in Island View, Durban, continues to strive for excellence in the production of lubricants, oils and greases, to ensure the smooth running of vital motor, mining and industrial sectors.

However, the origin of Blendcor dates back to 1956, when the company Fraser and Chalmers built a blending plant in the port of Durban with a production capacity of 50,000 tons per year. Just one year later, in 1957, the factory was modified to increase capacity to 80,000 tons per year. Now, more than seventy years later, with a workforce of over 285 people and an annual production capacity of over 200 million litres, Blendcor continues to play a key role in the production of a wide range of greases and lubricants (motor and industrial). It is currently a joint venture in which the two giants Shell Southern Africa and BP Southern Africa each own a 50/50 stake.

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