

your global specialist

Reliable partner for your
Corrugator roller lubrication.

Klübertemp GR AR 555



Speciality lubricant for the application of rolling bearings in corrugator rolls, pressure rolls and preheater rolls



The corrugated box manufacturing industry today faces the dual challenge of delivering quality products while at the same time meeting the ever increasing demands of volume. The industry is growing rapidly and it is imperative for each producer to adopt the most cost effective manufacturing practices.

In such a scenario, having frequent downtime and re-lubrication intervals can have a significant impact on productivity as well as cost-effectiveness. More often than not, these problems are related to the corrugator roller bearings, which are exposed to a high temperature and corrosive environment. Therefore, selecting the right lubricant for this application is critical.

The corrugation process

Your application requirements

- Temperature up to 200 °C
- Low to medium speed (20 to 200 rpm)
- Re-lubrication every 4 weeks or more (depending on equipment and operating conditions)
- Corrosive conditions in case of steam heating
- Aggressive and dusty environment

Our solution

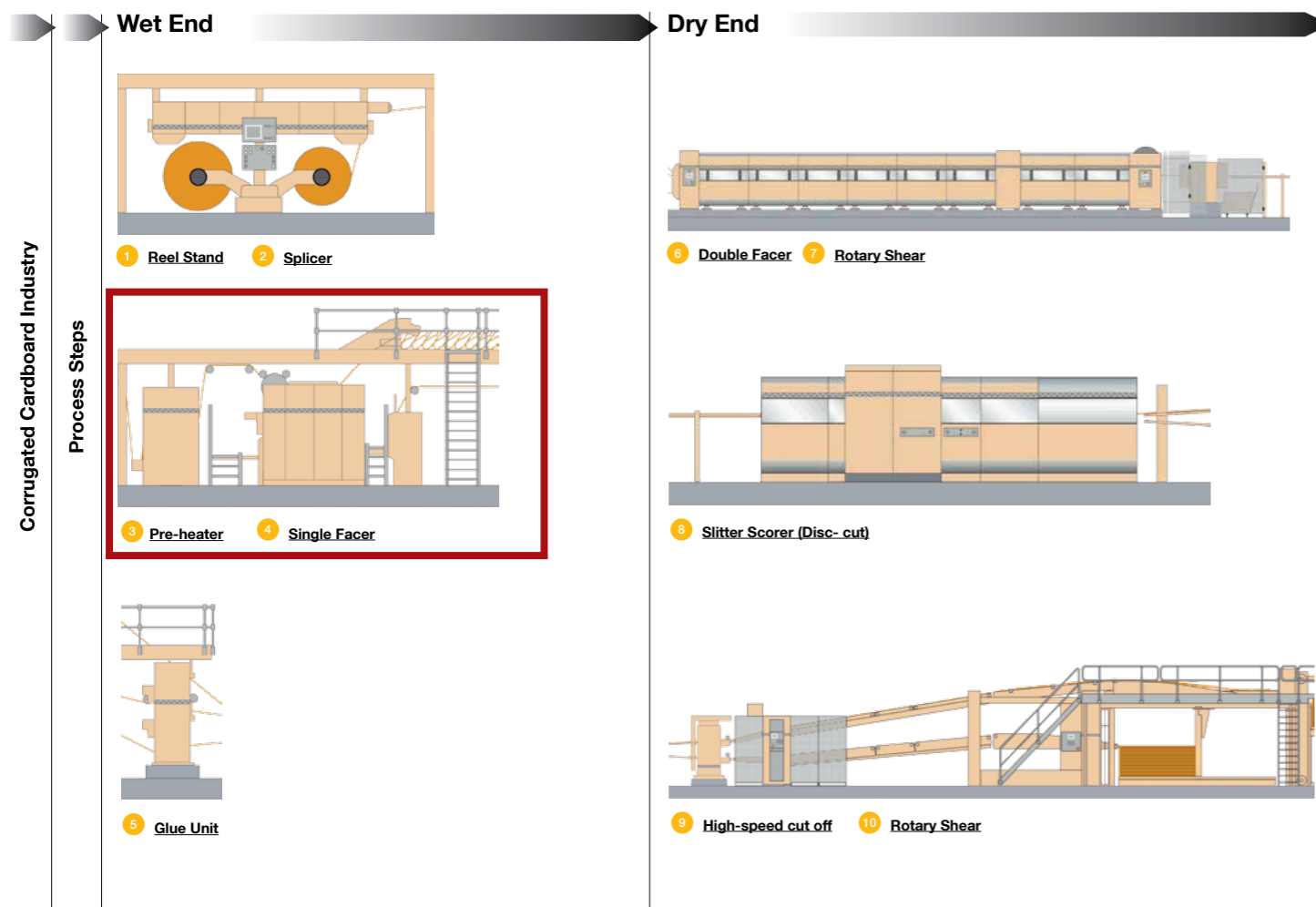
- More production as downtime will be less
- Reduced cost with longer lubricant life
- Longer component life due to high resistance to corrosion
- Excellent performance in aggressive environment
- We provide you with an H1 certified product which might be required for packaging of certain food and pharmaceutical products

Klübertemp GR AR 555

The appropriate lubricant for corrugation, taking your special requirements and challenges into account, can support the manufacturer by

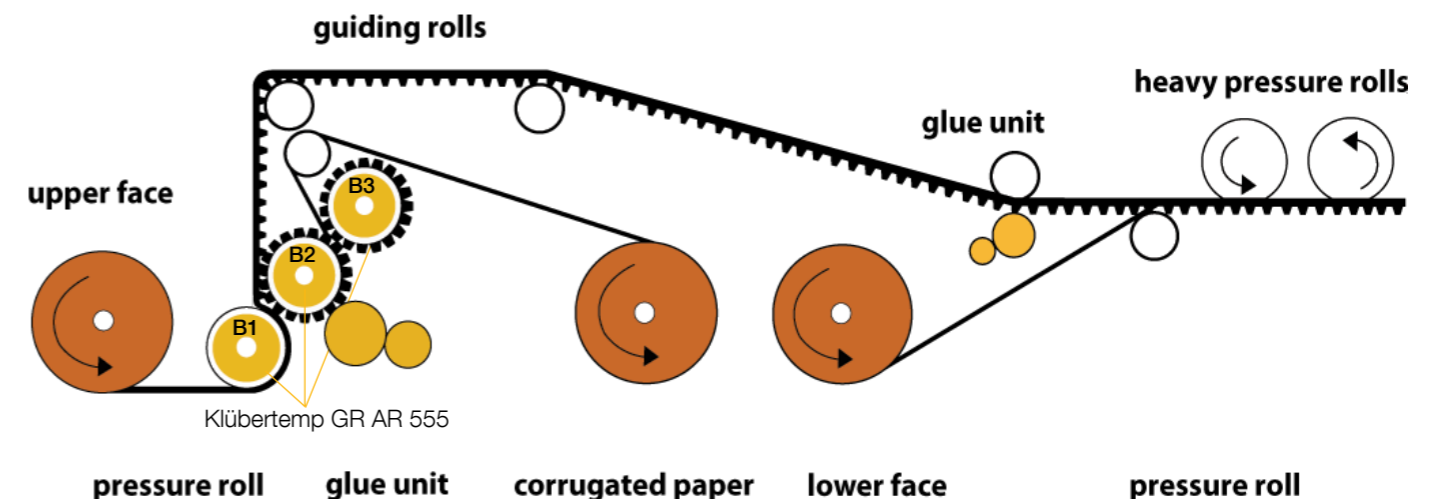
- High temperature resistance
- High-performance corrosion protection
- High chemical resistance
- Broad usage temperature range
- Low evaporation rate
- Minimal maintenance costs due to
- Longer service life

Corrugation process at a glance



Product data	
Chemical composition, oil type	PFPE
Chemical composition, solid lubricant	PTFE
Lower service temperature	-20 °C
Upper service temperature	250 °C
Colour space	White
Texture	Homogeneous
Density at 20 °C	Approx. 1.9 g/cm ³
NLGI grade, DIN 51818	2
Kinematic viscosity of the base oil at 40 °C	Approx. 420 mm ² /s

Single Facer



www.klueber.com

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements for efficient high-performance lubricants for more than 80 years.



A company of the
Freudenberg Group

Publisher and Copyright: Klüber Lubrication Austria GmbH, Franz-Wolfram-Schererstraße 32, A-5020 Salzburg, www.klueber.at

