

Beverage Filling Machinery

Application-specific lubrication recommendations to

- Optimize operational reliability
- Conserve energy
- Extend maintenance intervals
- Reduce lubricant consumption

Longer Lubrication Intervals, More Reliable Operation

The demands of increased machine uptime and long-term reliability require lubricant solutions that are carefully matched to the specific needs of an application.

As a global leader in specialty lubricants, Klüber offers a comprehensive line of NSF H1 and H2 lubricants designed to meet the critical demands of the beverage industry. So whether you are packaging in PET, glass, or cans, Klüber has a solution for you.

This booklet introduces the range of Klüber lubricants available for your equipment. You can easily match the appropriate Klüber products to your application.

Klüber Lubrication Asset Support Service (KLASS)

While great products are the foundation of Klüber's success in the beverage industry, it is great service that truly sets us apart. Our KLASS program offers a complete review of your current lubrication program and identifies ways to improve operational reliability, extend relubrication intervals, free up maintenance hours and more.

We can also help you create and manage a lubrication program and train your maintenance personnel in efficient lubrication best practices.

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The data in this brochure is based on our knowledge at the time of printing and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary tests with the selected product. We recommend contacting our technical staff to discuss your specific application. If required and possible we will be pleased to provide a sample for testing.

KLÜBER LUBRICATION

The Filling Process



Lubrication Solutions for the Beverage Industry

Lubrication is our world

Lubrication Solutions for the Beverage Industry

The Filling Process

Klüber has lubricants for each application on your bottling or canning line.

Your Klüber Sales Engineer can provide information on additional products and applications.

For more information on our NSF H1 and H2 lubricants for this industry, visit www.kluber.com.

Machine and Lubrication Point		Klüber Lubricant																	Comments
<p>Please note: your final lubricant selection should be based on the specific technical data for your application. The information provided here is based on our general experience and knowledge of these applications. Our application engineers are available to discuss the specifics of your application and make an individualized recommendation.</p>		BARRIERA® L 55/2	Klüberfood® NH1 87-703 Hygienic	Klüberfood® NH1 94-402	Klüberfood® NH1 M 4 Series	Klüberoil® 4 UH1 N Series	Klüberpaste® UH1 84-201	Klübersynth® UH1 14-151 or 222	Klübersynth® UH1 14-1600	Klübersynth® UH1 6 Series	Klübersynth® UH1 64-2403	Klüber Summit® HySyn FG Series	Klüber Summit® R 200	PARALIQ GA Series	PARALIQ GTE 703	PARALIQ P 40 Spray	STABURAGS® NBU 30		
Fillers	Lifting elements								X										Good pumpability through central lubrication systems.
	Pick up and discharge carousel							X											Good wear and corrosion protection.
	Guide rollers							X											Good wear and corrosion protection.
	Seals, filling taps (EPDM)														X				Neutral in smell and taste: resistant to water and steam.
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	Filling head O-rings										X								Neutral in smell and taste: resistant to water and steam.
	Tapping head O-rings (EPDM)														X				Neutral in smell and taste: resistant to water and steam.
	Telescopic slide mechanism						X												Assembly aid; excellent water and corrosion protection.
	Rotating distributors—aseptic machines		X																Neutral in smell and taste: resistant to water and steam.
	Cappers	Screw capping heads, flanging rollers																X	
Turret head slides														X					Wide service temperature range; good corrosion protection; good water resistance.
Seamers	Seamer rolls and lower chuck bearing							X											Excellent wear and corrosion protection; extended relubrication intervals; good pumpability in central lubrication systems.
	Cascading seamer oil				X							X							Fully synthetic; good wear and corrosion protection. For recirculating systems use Klüberfood, for total loss systems use Klüber Summit.
Labelers	Gears					X				X									Good wear and corrosion protection; extended service life; increased efficiency.
	Glue roller	X																	Extended relubrication intervals.
Sterilizers/Cookers	Grease lubricated components			X														X	Excellent wear and corrosion protection; resists water wash-out.
	Oil lubricated components					X													Fully synthetic; excellent wear protection; good corrosion protection.
Other Equipment	Gears, oil lubricated					X				X									Good wear and corrosion protection; extended service life; increased efficiency.
	Gears, grease lubricated								X										Good adhesion; good wear and corrosion protection.
	Air compressors											X							Fully synthetic; extended relubrication intervals; reduced maintenance & operating costs.
	Refrigeration compressors												X						For use with ammonia compressors; extended relubrication intervals; suitable for use at temps as low as -50°C.
	Pneumatic and hydraulic systems											X							Fully synthetic; extended relubrication intervals; reduced maintenance & operating costs.
	Hinges, screws & assembly						X												Assembly aid; excellent water and corrosion protection.
NSF Registration		H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H1	H2	