



SPECIAL PRODUCTS

ADDINOL BELT LUBE HT 220

PRODUCT DESCRIPTION

ADDINOL Belt Lube HT 220 is an extremely high temperature stable, fully synthetic lubricant. It provides outstanding usage properties because of the synthetic base components and special additives.

APPLICATION

- Preferably used for the lubrication of thermally highly loaded friction pairings at pressing production lines operating continuously, e.g. production of plates and fibre-boards:
 - particle boards
 - medium-density fibre boards
 - oriented strand fibre boards
- Excellent suitability for further high temperature applications in ovens, dryers, presses and other plants, e.g. for the lubrication of conveyor belts, chains and rollers at temperatures up to +260 °C.
- Further applications in conveyors for the processing of non-ferrous metals and plastics, e.g. by pressing, punching, soldering, etc.

RECOMMENDATIONS

ADDINOL BELT LUBE HT 220 is usable in the most common systems of:

- SIEMPELKAMP (conti-roll-systems)
- DIEFFENBACHER (conti-panel-systems)
- KÜSTERS PRESSEN (discontinuous press systems)
- Continuous and discontinuous systems of other manufacturers

DELIVERY

Delivery preferable in loose commodities, in containers or in drums.

CHARACTERISTICS

- Highest thermal and oxidative stability
- Very low tendency to form residues and varnishes at friction points
- Extremely low evaporation loss
- Outstanding protection against friction and wear at various loads and sliding speeds
- Works against unwanted stick-slip characteristics (Anti-Stick-Slip)
- Outstanding lubricating, adhesive and penetrating characteristics, very low friction resistance
- Very good corrosion protection of steel and non-ferrous metals
- Not harmful to environment, non-toxic, free of solids, miscible with typical competitive products

ADVANTAGES AND BENEFITS

- **Applicable at maximum productivity and highest operating temperatures**
- **Does not form deposits or sticky and solid residues**
- **Cost saving by reduction of oil consumption**
- **Outstanding protection at high loads as well as lowering of wear and energy consumption**
- **Ensures anti-stick-slip sliding both under full and minimum load**
- **Minimised throwing or dripping off; achieves an optimal adhesion of lubricant and a sufficient lubricating film thickness**
- **Excellent protection of the material surfaces against environmental impacts**
- **Environmentally friendly**
- **Easy change to ADDINOL products**



ADDINOL BELT LUBE HT 220

Preferable application by centralised lubrication systems, drip-ping oilers, manual or by sump lubrication. Dosage and lubrication intervals depend on chain and plant construction as well as operating conditions.

PLEASE NOTE

Please follow the regulations and instructions of equipment manufacturers. If you have more specific questions please contact our experts for technical application.

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Belt Lube HT 220	Method acc. to
Appearance			yellow-brown, clear	visual
Density	at 15°C	kg/m ³	938	DIN 51757
Viscosity	at 40°C	mm ² /s	260	ASTM D 7042
	at 100°C	mm ² /s	24.5	
	at 200°C	mm ² /s	3.9	
Viscosity index			123	DIN ISO 2909
Flash point	COC	°C	min. 290	DIN EN ISO 2592
Pour point			max. -30	ASTM D 7346
Corrosion protection on steel	method A	corr. level	(0) passed	DIN ISO 7120
Corrosivity on copper	at 150°C, 3h	corr. level	1	DIN ISO 2160
	at 150°C, 24h	corr. level	1	
Evaporation loss			1.6	DIN 51581
VKA welding load			2,000 / 2,200	DIN 51350-3

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.