



SPECIAL PRODUCTS

ADDINOL CLIPTEC-ROLLPROTECT XHS 240

PRODUCT DESCRIPTION

ADDINOL Cliptec-Rollprotect XHS 240 is a fully synthetic high-performance lubricant based on high-quality oxidation resistant synthetic components with outstanding thermal stability.

ADDINOL Cliptec-Rollprotect XHS 240 possesses an excellent additivation to guarantee high wear protection, very good wettability as well as lubricating effects, low friction, outstanding ageing stability and best corrosion protection.

APPLICATION

- ADDINOL Cliptec-Rollprotect XHS 240 is particularly recommendable for the lubrication of chains, clips and rolls
- ADDINOL Cliptec-Rollprotect XHS 240 is suitable in BO systems (biaxial oriented stretching lines) for the manufacturing of films, especially for PP, PET, PA, PE, PLA, PVC, COC, TAC
- ADDINOL Cliptec-Rollprotect XHS 240 is highly suited for high-temperature applications in continuous kilns, dryers, presses and other devices for the lubrication of conveyor belts, chains and rolls at **temperatures up to +250°C** (temperature depends on re-lubrication and lubricant quantity)
- General application in circulating systems with high temperature loads or with major temperature differences
- Further applications are precision control and switch elements exposed to high thermal loads

CHARACTERISTICS

- Extremely low evaporation loss
- Outstanding wear protection and friction reduction in mixed friction area
- Highest ageing resistance
- High viscosity index
- High resistance against humidity and other chemical process substances
- Very good corrosion protection against steel and non-ferrous metals

SPECIFICATIONS / APPROVALS

ADDINOL Cliptec-Rollprotect XHS 240 is approved by BRÜCKNER Maschinenbau GmbH & Co. KG for the lubrication of roller chain systems. It is particularly suitable in BRÜCKNER film stretching lines at temperatures up to +250°C in following roller chain systems:

- FOK 5.3
- FOK 5.5
- FOK 5.6
- FOK 5.5.4
- FOK 5.5.5
- FOK 5.5.6
- FOK 5.5.8 (new generations up to 550 m/min)

PLEASE NOTE

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

DELIVERY

Delivery preferable as bulk, in containers or in drums.

ADVANTAGES AND BENEFITS

- Reduction of oil consumption
- Reliable lubrication of sliding and rolling movements at chains
- Reduction of deposits on chain elements
- Easy handling at room temperature
- Prevents mixtures with other operating substances or chemical reactions
- No damage or discolouration of machine components; clean surfaces





ADDINOL CLIPTEC-ROLLPROTECT XHS 240

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

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Cliptec-Rollprotect XHS 240	Method acc. to
Appearance			yellow to brown, clear	visual
Density	at 15°C	kg/m ³	927	DIN 51757
Viscosity	at 40°C	mm ² /s	233	ASTM D 7042
	at 100°C	mm ² /s	25	
	at 200°C	mm ² /s	4.2	
Viscosity index			132	DIN ISO 2909
Flash point	COC	°C	min. 280	DIN EN ISO 2592
Pour point		°C	max. -27	ASTM D 7346
Corrosion protection on steel	method A		(0) passed	DIN ISO 7120
Corrosivity on copper	at 150°C, 3h	corr.level	1	DIN ISO 2160
	at 150°C, 24h	corr.level	2	
Evaporation loss		%	< 2.0	DIN 51581-1
VKA – wear scar diameter	1h, 300 N	mm	0.34	DIN 51350-3
VKA – welding load		N	2,400	DIN 51350-2

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 70 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.