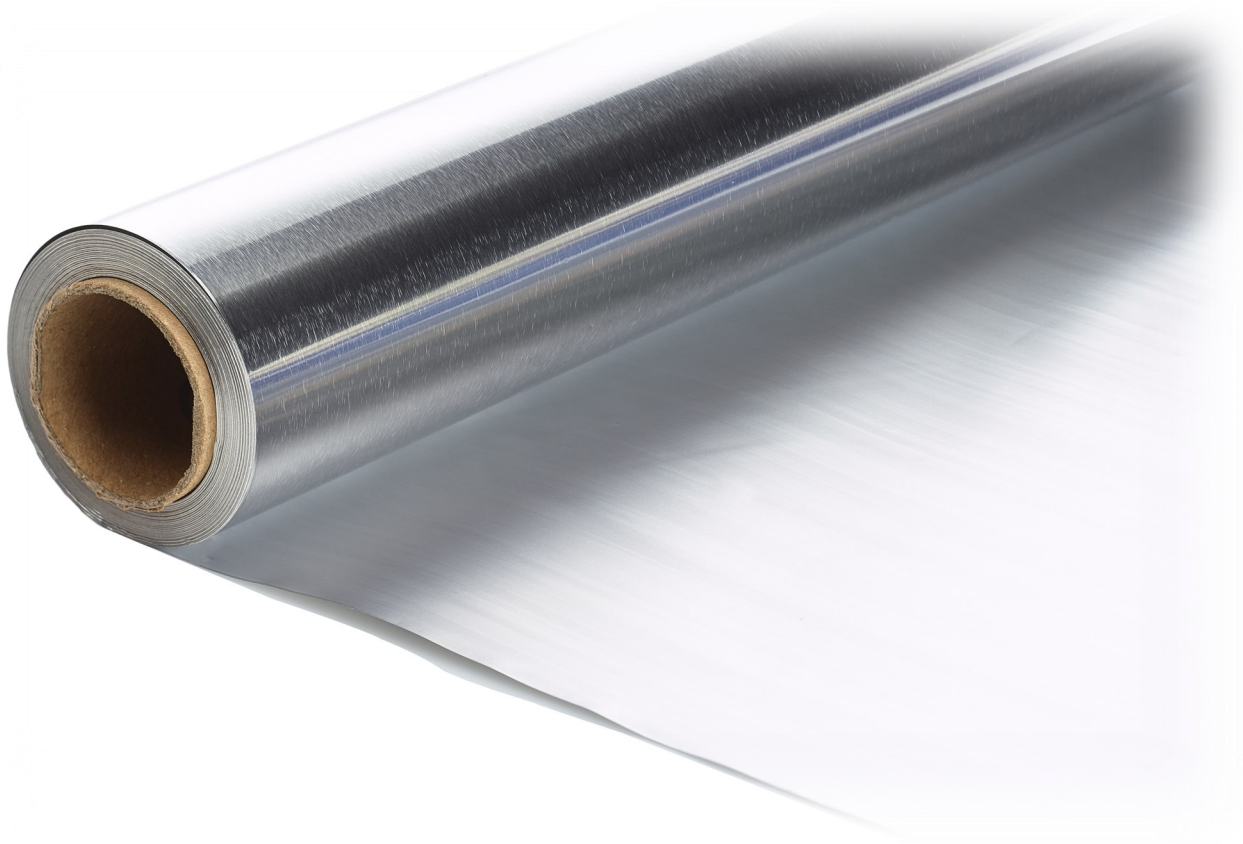


QUALITY LUBRICATES.



Anderol® DDO

NSF 3H registered lubricant, that acts as an emulsifier and antioxidant. Its natural polarity, viscosity and adherence yield lubricant power that prevents premature wear of moving parts. Anderol® quality offers energy efficient performance.
anderol.com

X **Anderol®**

QUALITY WORKS.

LANXESS
Energizing Chemistry

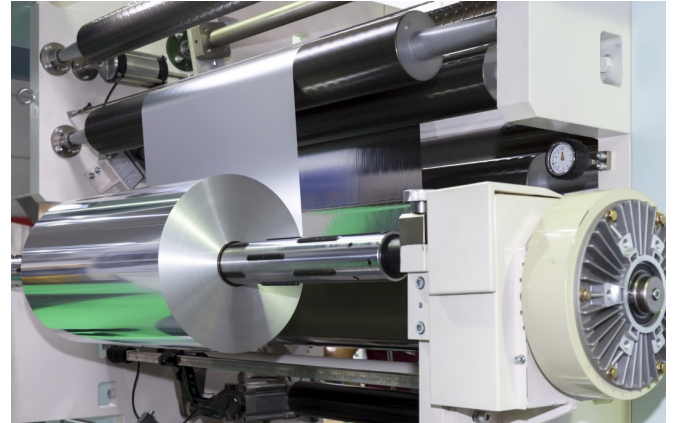
ANDEROL® DDO

Anderol® DDO is an NSF 3H registered vegetable oil of high quality with sunflower lecithin, that acts as an emulsifier and antioxidant. The antioxidant stabilizes the product against oxidation and thermal degradation, caused by high temperatures during the baking process.

It avoids the premature formation of oil degradation products caused by temperatures above 200°C, that could alter the properties of the edible product, and even lead to the formation of toxic components above 250°C.

Applications

- Lubricant for Dough Dividers in the baking industry
- Protective coatings for food stuffs
- Dust control agent
- Release agent
- Forming and rolling of aluminum foil
- Meat hook and butcher equipment lubricant



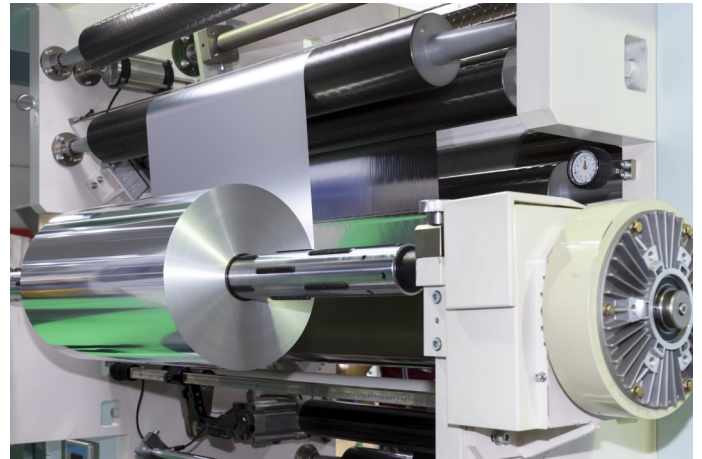
ANDEROL® DDO

SUCCESS STORY

Aluminum foil maker benefits from **Anderol®** DDO

The application

A Chinese aluminum foil maker specializing in the production of pharmaceutical and household aluminum foils has recently made the switch to **Anderol®** DDO. The 3H food grade dough divider oil typically used for bakery applications, can also be used in the forming and rolling of aluminum foil. **Anderol®** DDO is used to coat to the aluminum foil through an electrostatic oiling process ensuring consistent uniformity of the coated foil. After the coating, the aluminum foil is being baked at 500°C for 30 minutes.



The customer

The aluminum foil products produced by the company are exported worldwide to Europe, America, Australia, Middle East, Southeast Asia, Hong Kong and Taiwan. The company's self-developed, single-sided, cold forming composite medicinal aluminum foil has been recognized as a key new product by the Chinese Ministry of Science and Technology, the Ministry of Commerce, the National Supervision and Quarantine Bureau and the State Environmental Protection Administration. The aluminum foil products have also passed US FDA certification as food and drug packaging materials, therefore using the right lubricant to ensure full conformance and product safety is of paramount importance.



The product properties

Anderol® DDO is NSF 3H registered and formulated with edible vegetable oils, quality sunflower lecithin that acts as an emulsifier and antioxidant. Its excellent oxidation and thermal stability performance in high temperature conditions is also perfectly suited to the environment found within the aluminum foil processing plant. Moreover, its natural polarity, viscosity and adherence yield a high lubricant power preventing premature wear of moving parts.





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Unless specified to the contrary, the values given have been established or standardized test specimens. The figures should be regarded as guide values and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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