



Nonfood Compounds  
Program Listed

November 29, 2011

Mr. Yang Ming-Fa  
Patricia Lubricants (Shanghai) Limited  
4th Factory, No. 530, Hui Cheng Road  
Nan Hui Industrial Pk., Nan Hui District  
Shanghai 201300  
China

RE: ArChine Foodrance WCC1  
Category Code: H1  
NSF Registration No. 145479

Dear Mr. Yang Ming-Fa:

NSF has processed the application for Registration of **ArChine Foodrance WCC1** to the NSF International Registration Guidelines for Proprietary Substances and Nonfood Compounds (2009), which are available at [www.nsfwhitebook.org](http://www.nsfwhitebook.org). The NSF Nonfood Compounds Registration Program is a continuation of the USDA product approval and listing program, which is based on meeting regulatory requirements including FDA 21 CFR for appropriate use, ingredient and labeling review.

**This product is acceptable as a lubricant with incidental food contact (H1) for use in and around food processing areas. Such compounds may be used on food processing equipment as a protective anti-rust film, as a release agent on gaskets or seals of tank closures, and as a lubricant for machine parts and equipment in locations in which there is a potential exposure of the lubricated part to food. The amount used should be the minimum required to accomplish the desired technical effect on the equipment. If used as an anti-rust film, the compound must be removed from the equipment surface by washing or wiping, as required to leave the surface effectively free of any substance which could be transferred to food being processed.**

NSF Registration of this product is current when the NSF Registration Number, Category Code, and Registration Mark appear on the NSF-approved product label, and the Registered product name is included in the current NSF White Book Listing of Nonfood Compounds at the NSF website ([www.nsfwhitebook.org](http://www.nsfwhitebook.org)). The NSF Registration Mark can be downloaded by clicking the "Download Registration Mark" link on the NSF website ([www.nsfwhitebook.org](http://www.nsfwhitebook.org)).

NSF Listing of all Registered Nonfood compounds by NSF International is not an endorsement of those compounds, or of any performance or efficacy claims made by the manufacturer.

Registration status may be verified at any time via the NSF website, at [www.nsfwhitebook.org](http://www.nsfwhitebook.org). Changes in formulation or label, without the prior written consent of NSF, will void Registration, and will supersede the on-line listing.

Sincerely,

Clifton Mclellan  
NSF Nonfood Compounds Registration Program

Company No: C0036286

## ArChine Foodrance WCC 1

### 可与食品接触的挤压造粒机专用特种润滑脂

NSF Registration No: 145479 H1 类别

#### 性能

- 在高速旋转的情况下具有很好的粘合性（防溅）
- 具有很高的抗压、抗负荷以及抗震能力
- 因添加了高粘度的合成基础油，具有很好的润滑性能
- 良好的抗磨损性能
- 完全不溶于水和蒸汽（高吸湿环境）
- 高的热稳定和机械稳定性（高滴点）
- 稠度适用于所有的自动或半自动润滑系统

#### 应用

**ArChine Foodrance WCC 1** 特别适用于食品加工工业和相对苛刻多变的润滑环境：

用于宠物食品传输的重负荷滚动轴承，单轮，双滚轴的挤压造粒机。

**ArChine Foodrance WCC 1** 特别适用于挤压造粒机或码垛机的压缩轮子润滑。

#### 该油脂还适用于：

- 连续工作和承受反复震动的滑动轴承
- 水中或半浸水环境中（罐头厂，宠物食品运输，渔业等）的连接件，链条以及其他各种运动部件
- 食品加工行业的滑动凹槽和凸轮
- 用于装瓶、包装生产线的开式齿轮以及不防水的齿轮箱

#### 典型参数

|                |             |        |          |
|----------------|-------------|--------|----------|
| 颜色             |             |        | 米黄色，浅米黄色 |
| 外观             |             |        | 平滑/粘性    |
| 基础油            |             |        | 白油       |
| 稠化剂            |             |        | 复合钙      |
| NLGI           |             |        | 1.5      |
| 滴点             | METTLER     | ℃      | ≥260     |
| 25℃60次反复工作的锥入度 | ISO 2137    | 0.1 mm | 295-340  |
| 10000次反复工作的锥入度 | ISO 2137    | 0.1mm  | 350-360  |
| 四球磨损           | ISO 20623   | mm     | 0.42     |
| 四球烧结负荷         | ASTM D 2596 | kg     | 400      |
| 铜腐蚀            | ASTM D 4048 | 级别     | 1 b      |
| 滚渗透测试          | NF T 60-190 | A      | 13       |
| 轮毂轴承           | ASTM D 1263 | gr     | 4        |
| 使用温度           |             | ℃      | -20~150  |
| 水淋流失量          | ASTM D 1264 | %      | 1        |

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