

CASSIDA CHAIN OIL LT

Case Study



LUBRITECH
Special Application Lubricants

CASSIDA

CASSIDA CHAIN OIL LT SPRAY



Synthetic, low temperature chain lubricant for food and beverage processing equipment.

- Ideally suited for transport mechanisms such as spiral freezers
- Specially enhanced base fluid for superior lubrication
- Wide temperature range
- Excellent performance at sub-zero conditions
- Good anti-wear performance
- Neutral odour and taste
- ISO 21469 certified
- NSF H1 registered

Kosher certified



Halal certified



In Partnership with



NSF registered
ISO certified



Nonfood Compounds
Program Listed
ISO 21469 certified

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Customer

The customer is part of one of the world's Top 5 meat producers globally.

CASSIDA

Application Requirements

The customer operates spiral freezers at many of its UK manufacturing sites. Spiral freezers operate 24/7 at temperatures of -40°C.

The customer was looking for an economical and technically credible alternative to the OEM recommended products. Previously, the customer had tried COMPETITOR A fluid with less than satisfactory results.

The Solution

Following an application review by the CASSIDA Technical Support Team, CASSIDA CHAIN OIL LT was recommended. Prior to any application, independent testing was undertaken at Qinetiq (the UK's largest engineering research and technology provider) to compare the performance of CASSIDA CHAIN OIL LT against the OEM supplied lubricant and the previously tested COMPETITOR A fluid.

- The products showed similar viscosity results at both -40°C and -50°C.
- CASSIDA CHAIN OIL LT and the OEM product showed excellent wear testing in the IP 239 test.
- COMPETITOR A fluid was almost 100% less effective, and was rejected from further testing.
- SRV Friction Tests showed similar performance properties for CASSIDA CHAIN OIL LT and OEM product.
- Oil loss testing at -40°C showed similar performance for CASSIDA CHAIN OIL LT and OEM product.
- All tests indicate that CASSIDA CHAIN OIL LT offers equivalent, if not improved performance, when compared to the OEM product.

CASSIDA CHAIN LT trials were undertaken and the product was successfully adopted by the customer.

Based on annual demand of approximately 1,000 litres per annum, the anticipated annual cost savings are circa £10,000.



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