

Shell
CASSIDA
Food Grade Lubricants

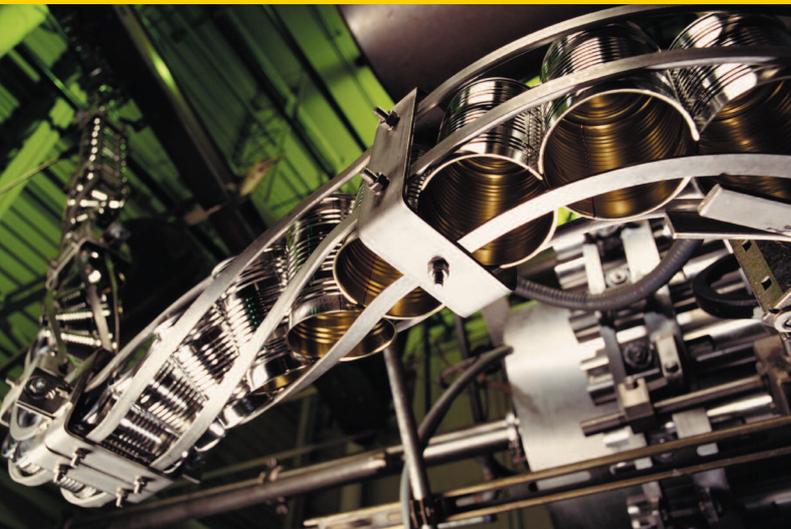
The right move for the food and beverage industries



Shell Lubricants

Shell Cassida Food Grade Lubricants

Helping to protect your process, your product and your reputation



Shell Cassida - Lubricating the Food Industry

In the food and beverage manufacturing industry, the use of food safe machine lubricants can mean the difference between a good name and no name at all.

The stringent food safety standards, high productivity and problem-free operations are critical for commercial success.

Shell has developed an industry specific product range and has the technical expertise to help achieve these aims. Your business could be benefiting from Shell's high performance food grade lubricants that are food safe. From hydraulics to gearboxes, bearings to compressors, high temperature to low temperature, synthetic Shell Cassida has been designed to help satisfy both performance and current food grade regulation criteria.

Shell Cassida food grade lubricants are supported by local Shell Technical Specialists who provide to our customers recommendations and solutions for the unique lubrication requirements found within food and beverage manufacturing plants.

Our global network of technical engineers and chemists, develop products using the latest Shell Lubricants technology available, helping your plant achieve reduced downtime, extended equipment life and suitability for HACCP and Quality Assurance Food Safety plans.

Shell Cassida - Approved Food Grade Lubricants

- ✓ Components approved by the US FDA for incidental contact with food
- ✓ Approved by NSF International as Class H1
- ✓ Meets former USDA H1 requirements
- ✓ AQIS Lubricant Type A compliant
- ✓ NZ MAF classification C15 compliant
- ✓ Approved for use in Kosher and Halal food manufacture

Shell Cassida Food Grade Lubricants:

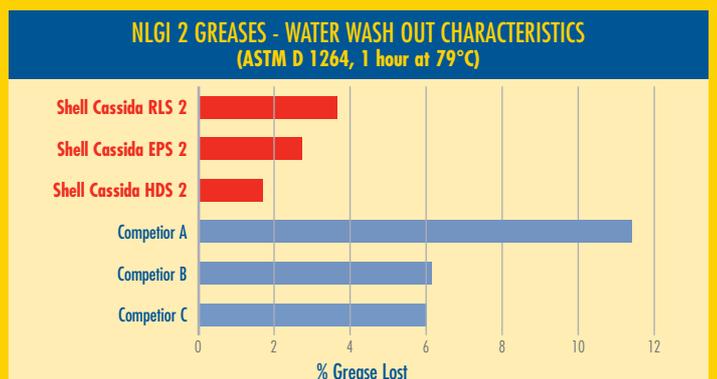
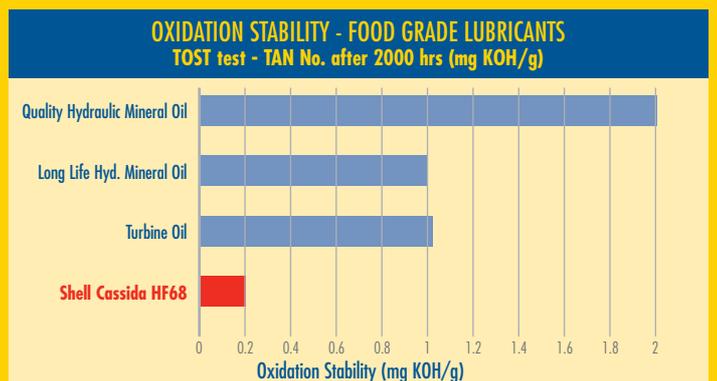
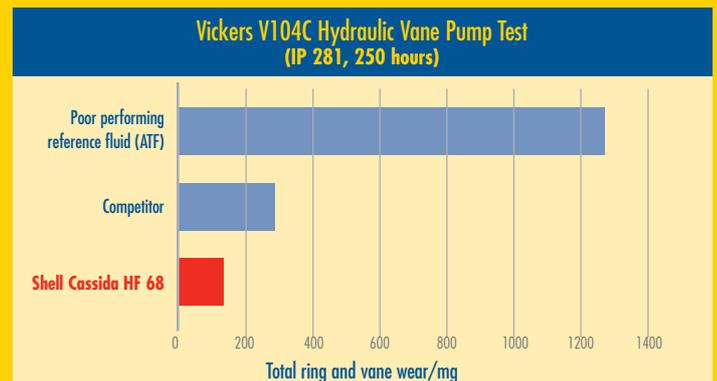
- ✓ H1 Food Grade approved
- ✓ Do not contain natural products derived from animals or genetically modified organisms (GMO)
- ✓ Does not contain any allergenic or intolerance inducing substances as specified in Annex IIIa of EC directive 203/98/EC
- ✓ Suitable for use where vegetarian and 'nut-free' food is prepared
- ✓ Biostatic; does not promote the growth of bacteria or fungal organisms
- ✓ Fully synthetic top performing products proven in extreme applications
- ✓ Tasteless, odourless and non-toxic
- ✓ Large number of OEM approvals and endorsements
- ✓ Used by global food, beverage and pharmaceutical manufacturers
- ✓ Full technical support
- ✓ Offers better cost benefits through longer drain intervals and less equipment wear than mineral oil food grade lubricants



Application	Shell Cassida Product
Can Seaming & Citrus Extractor Lubricant	Shell Cassida Fluid GLE
Chain Oils	Shell Cassida Chain Oils
Compressor Oils	Shell Cassida Fluid CR
Gear Oils	Shell Cassida Fluid GL
Greases:	
- General Purpose	Shell Cassida Grease RLS Shell Cassida Grease EPS
- Extreme Pressure	Shell Cassida Grease EPS
- Heavy Duty	Shell Cassida Grease HDS
- High Temperature	Shell Cassida Grease HTS
- Low Temperature	Shell Cassida Grease LTS
Hydraulics	Shell Cassida Fluid HF
Vacuum Pump Oil	Shell Cassida Fluid VP
Rotary Cooker Oil	Shell Cassida Fluid RC
Penetrating Fluid	Shell Cassida Fluid PL
Maintenance / Silicone Spray	Shell Cassida Silicone Fluid
Other Food Grade Lubricants	
Total Loss Can Seamer Lubricant	Shell FM Gear Oil TLS 150*
Heat Transfer Oil	Shell FM Heat Transfer Fluid*
Sugar Dissolving Fluid	Shell FM Sugar Dissolving Fluid*
High Temperature Chain Oil	Shell High Temperature Chain Oil**

*Shell FM is a mineral food grade lubricant

**Shell High Temperature Chain Oil is NSF H2 approved



Shell Food Industry Solutions offer a variety of benefits to our customers in the food and beverage manufacturing industry.

- ✓ H1 approved food grade lubricants - Shell Cassida
- ✓ Large number of OEM approvals and endorsements
- ✓ HACCP lubrication surveys
- ✓ Backed by local technical support and advice
- ✓ Waste management and disposal
- ✓ Equipment condition monitoring
- ✓ Oil condition monitoring
- ✓ Failure analysis and diagnosis
- ✓ Comprehensive plant audits
- ✓ Tailored training programmes
- ✓ Shell Card fleet solutions
- ✓ Oil storage and dispensing solutions
- ✓ Global food grade lubricant supply
- ✓ Manufactured under HACCP and ISO approved facilities

Helping to give you...

- ✓ Peace of mind
- ✓ Protection
- ✓ Increased uptime
- ✓ Lower maintenance costs

For technical advice on Shell products and services call:

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