



TECHNICAL DATA SHEET | INDUSTRIAL

Engen FoodPure Chain Spray FGS

H1 registered for incidental contact with foodstuffs



PETRONAS

Engen is a
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Food Grade

Description

FOODPURE CHAIN SPRAY FGS is a high performance, high temperature, self-cleaning, synthetic ester based food grade chain spray. It is fortified with anti-wear and high load additives and registered to H1 for incidental food contact for use in and around food, beverage and pharmaceutical processing and production areas.

Application

FOODPURE CHAIN SPRAY FGS is designed for chains on equipment and machinery in the food and clean industries and can also be used in applications operating at extremely high temperatures. The lubricant has high resistance to wear and load and has good water resistance. It is ideal for applications where high temperatures prevail such as oven chains. The additive package gives enhanced wetting and friction reducing properties and protection against wear and load and supports the user's requirements for HACCP and GMP programmes.

Including:

- High temperature oven chains.
- All Chain types.
- Drives and Sprockets.
- Oil lubricated bearings.
- Valves.
- Multipurpose lubrication including central lubricators.

Benefits & Features

- H1 Registered, safe to use where incidental food contact may occur.
- Excellent high temperature resistance reduced lube usage in ovens.
- No carbon deposits, self-cleaning reduced downtime and maintenance costs.
- Excellent wear protection and water resistance Elongates chain life.
- Oxidation and corrosion inhibited Increases oil life & protects chains against corrosion.

Performance Level

- FOODPURE CHAIN SPRAY FGS is registered for incidental food contact, manufactured to ISO 9001:2015 and meets the requirements of FDA 21 CFR 178.3570.



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Typical Physical Characteristics

ENGEN FOODPURE CHAIN SPRAY FGS			
PARAMETERS	METHODS	UNITS	TYPICAL VALUES
Viscosity at 40°C	ASTM D7042	cSt	220
Viscosity Index	ASTM D2270	-	156
Flash Point – COC (°C) (Neat Oil)	ASTM D92	°C	>240
Copper Strip Corrosion	ASTM D130	-	1a
Steel Corrosion	ASTM D665B	-	PASS
4 Ball Wear Scar Diameter	ASTM D4172	mm	0.51
4 ball weld load	ASTM D2783	kg	180
Temperature Range	-	°C	-20 to +240
Propellant	-	-	Hydrocarbon

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.

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Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water. For further detail regarding storage, safe handling, and disposal of product, please refer to product SDS. Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortious action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representative in the event you require any further information.

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+27 8600 36436