

## PRODUCT DATA SHEET

### **Royal Crown Food Grade 3-H Oils** **H3 Food Grade Oils**



#### **PRODUCT DESCRIPTION:**

**Royal Crown Food Grade 3-H** Oils are made from select base stocks and exhibit low pour characteristics, as well as being odorless, colorless, and tasteless. These oils are best suited for applications requiring soluble oils.

**Royal Crown Food Grade 3-H** Oils are release agents used to prevent food from adhering to hard surfaces during processing. These oils can be used on any surface where it is essential that food no adhere. Well suited for application hooks, trolleys, and similar equipment to clean and prevent rust. Those portions of the equipment that contact edible products must be made clean and free of the mixture before use.

**Royal Crown Food Grade 3-H** Oils NSF 3-H and Halal approved oils are excellent candidates for use in food processing plants. NSF approved as direct food additives, and also suited for the animal feed processing industry, animal medication and care, baking, beet sugar, candy, chemical industry, cosmetics, pharmaceuticals, egg processing, food processing and packaging, meat packing, paper, plastics, rubber processing, soap, textiles, and yeast.

#### **KEY FEATURES:**

- H3 Food Grade Oils
- Extremely Low Pour Point
- Odorless, Colorless and Tasteless

#### **CUSTOMER BENEFITS:**

- Water white appearance
- Conforms to NSF H3

#### **APPLICATIONS:**

- Recommended and designed for applications in the food industry

#### **PACKAGING:**

Drums and Totes

#### **SPECIFICATIONS AND APPROVALS:**

NSF H3

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### Royal Crown Food Grade 3-H Oils H3 Food Grade Oils



### Typical Properties

Royal Crown Food Grade 3-H Oils					
Product Number	811B	812A	814B	816C	Test Method
ISO Grade	70	90	200	350	-
Viscosity@40°C, cSt	11.5	15.2	31.7	67.4	ASTM D445
Viscosity@100°C, cSt	2.8	3.1	5.3	8.6	ASTM D445
Viscosity@100°F, SUS	67.6	84.2	164	349	ASTM D445
Viscosity@210°F, SUS	35.5	36.7	44	55.5	ASTM D445
Viscosity Index (VI)	88	89	98	98	
Specific Gravity@60°F	0.85	0.85	0.86	0.86	ASTM 4052
API	33.3	33.2	32.8	31.5	-
Color	0.5 max	0.5 max	0.5 max	0.5 max	ASTM D1500
Color	+30 min	+30 min	+30 min	+30 min	Saybolt

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.*

#### Health and Safety:

*When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website, [www.royalmfg.com](http://www.royalmfg.com), or call 918-584-2671. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.*