

PRODUCT DATA SHEET

Royal Crown Tech G Food Grade Gear Oils

H1 Food Grade Gear Oils



PRODUCT DESCRIPTION:

Royal Crown Tech G Food Grade Gear Oils are specially formulated to provide superior lubrication and high load carrying capacity. These water white oils provide outstanding anti-wear protection, are compounded to prevent rusting in the presence of moisture, are non-foaming and have rapid water separation characteristics.

KEY FEATURES:

- H1 Food Grade Gear Oils
- Excellent Rust Protection
- High Load Capacity
- Non-Foaming
- Superior Anti-Wear
- Rapid Water Separation

CUSTOMER BENEFITS:

- Better adhesion on gear surface
- Excellent lubrication under heavy loaded gears
- Excellent gear protection against wear and long service life
- Superior gear protection against water contact

APPLICATIONS:

- Recommended for Gears in food and pharmaceutical industry where there is a possibility for incidental contact

PACKAGING:

Drums and Totes

SPECIFICATIONS AND APPROVALS:

NSF H1

ISO 220 – NSF # 088516

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Typical Properties

Royal Crown Tech G Food Grade Gear Oils						
Product Number	826	827	828	829	830	Test Method
ISO Grade	100	150	220	320	460	-
Viscosity@40°C, cSt	99.9	147.8	226	328	467	ASTM D445
Viscosity@100°C, cSt	11.3	15.2	21.5	29.0	38.2	ASTM D445
Viscosity@100°F, SUS	522	774	1189	1727	2468	ASTM D2161
Viscosity@210°F, SUS	65.1	80.5	107.9	142	185.6	ASTM D2161
Viscosity Index (VI)	99	104	114	120	125	
Specific Gravity@60°F	0.87	0.87	0.87	0.88	0.88	ASTM 4052
API	30.7	30.2	29.6	29.2	28.8	
Pour Point °C	-15	-15	-12	-12	-12	ASTM D97
Pour Point °F	5	5	10	10	10	ASTM D97
Flash Point °C	245	238	225	215	205	ASTM D92
Flash Point °F	470	460	440	420	405	ASTM D92
Color, Saybolt	+22 min	+22 min	+22 min	+22 min	+22 min	ASTM D156
Color, ASTM	0.5 max	0.5 max	0.5 max	0.5 max	0.5 max	ASTM D1500

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, 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.