



Royal Crown Tech Pegasus Grease

H1 Food Grade Synthetic High Performance Grease

Royal Crown Tech Pegasus Grease is a high temperature, food grade grease designed specifically for lubricating a wide range of applications in the food industry. This grease is formulated with Aluminum complex thickener and other NSF permitted ingredients including base oils and additives to meet the stringent requirements of the industry. The base oil used to formulate this grease is fully synthetic polyalphaolefin (PAO) oil. This grease has high load carrying capabilities, is rust preventative and has excellent water resistant properties. It is also formulated to minimize oil bleeding.

Royal Crown Tech Pegasus Grease is NSF H1 approved for applications where chance of incidental food contact are a possibility. This grease is available in NLGI grades 2, 1 and 0. The operating temperature for this grease is - 40 °F to +300 °F.

Product Features:

- H1 Food Grade Grease
- Great extreme pressure properties and rust protection
- Outstanding water resistance
- Excellent high temperature properties
- Will not bleed during storage or operations

Customer Benefits:

- Recommended for food and pharmaceutical industry for incidental contact
- Provides superior load and rust protection for bearings
- It works effectively under water borne applications in the food processing industry
- Designed to work effectively in the temperature range of – 40 °F to 300 °F

Specifications and Approvals	Royal Crown Tech Pegasus
NSF H1	✓





Typical Properties

Royal Crown Tech Pegasus Grease

Product Number	979WA	979WB	979WC	Test Method
NLGI grade	2	1	0	ASTM D 217
Thickener type	Aluminum Complex	Aluminum Complex	Aluminum Complex	-
Color	White	White	White	Visual
Base Oil Viscosity				-
@ 40°C, cSt	105.8	105.8	105.8	
@100°C, cSt	15.10	15.10	15.10	
@ 100°F, SUS	542.7	542.7	542.7	ASTM D445
@ 210 °F, SUS	79.89	79.89	79.89	
Drop Point, °F	+500	+450	+350	IP 396
Worked Penetration	265-295	310-340	355-385	ASTM D 217
Four Ball Weld load , kg	250	250	250	ASTM D 2783
Timken OK Load , lbs	40	40	40	ASTM D 2509
Water Washout , wt. % loss @ 175 F	3.5	3.5	3.5	ASTM D 1264
Water Spray off, % wt.	25.6%	-	-	ASTM D 4049

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. www.royalmfg.com or call (918)-584-2671.

Packaging Options:



35 Lb. Pails



120 Lb. Kegs



400 Lb. Drums



2,000/2,400 Lb. Totes



50,000 Lb. Bulk