



Product Data Sheet



Royal Crown Tech

H1 Technical Grade White Oil

Crown Tech White Oils are made from select base stocks and exhibit low pour point characteristics. These food grade oils are best suited for applications requiring technical grade white oils. This blend is made to reduce the metal-to-metal contact in a food processing applications not requiring EP/AW properties. This will greatly reduce the wear on the working components and helps to eliminate seizures, machine failure and downtime.

Crown Tech White Oils will not damage or deteriorate the machinery it is used on. It will provide long term protection in its application as well as having the ability for incidental contact with foods. It has a strong resistance to water washout and can handle both extremes in temperature.

Product Features:

- H1 food grade white oils
- Extremely low pour point

Specifications and Approvals	Royal Crown Tech
NSF H1	✓

Customer Benefits:

- Water white appearance
- Conforms to NSF H1
- Economical for all applications not requiring USP H2

Product Uses:

- Lubricant for rolling/stamping equipment
- Textile fiber lubricant
- Dust Suppressant
- Process oil for rubber and plastic processing





Typical Properties

Royal Crown Tech White Oils

Product Number	811	812	813	814	815	816	817	Test Method
ISO Grade	10	15	22	32	46	68	100	-
Viscosity@40°C, cSt	9.4	14.6	21.2	32.0	45.2	68.4	100.7	ASTM D445
Viscosity@100°C, cSt	2.7	3.6	4.5	5.8	7.2	9.2	11.4	ASTM D7042
Viscosity@100°F, SUS	58.9	80.5	110.9	164.5	232.0	353.7	525.2	ASTM D2161
Viscosity@210°F, SUS	35.3	38.2	41.4	45.7	50.3	57.1	65.4	ASTM D2161
Viscosity Index	135	132	129	126	119	109	100	-
Specific Gravity@60°F	0.83	0.84	0.85	0.85	0.86	0.86	0.87	-
API	38.9	36.9	35.5	34.1	33.1	32.0	31.1	-
Pour Point, °C	-36	-39	-36	-30	-27	-21	-15	ASTM D97
Flash Point, °C	192	183	202	220	233	248	261	ASTM D92
Color (0.5 max)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	ASTM 1500

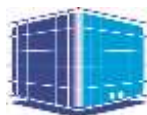
These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice. **Health and Safety:**

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:



55 Gal Drums



275/330 Gal Totes



>2000 Gal Bulk

