

Ultra-Kleen™ HyTemp™ Food Grade Blower Oil

 Lubricants for a Healthier Planet™

Ultra-Kleen™ HyTemp™ Food Grade Blower Oil offers the highest degree of protection and lubrication of gears and bearings in blower applications under extreme operating conditions.

TYPICAL APPLICATIONS INCLUDE:

Positive Displacement Blowers	Vacuum Boost Pumps	Rotary Lobe Blowers
Rotary Claw Compressors	High Temp, High Speed Gearboxes	

All ingredients in **Ultra-Kleen HyTemp Food Grade Blower Oil** are listed substances generally recognized as safe (GRAS) or substances used in accordance with the provisions of a prior sanction or approval permitted under the rules of the U.S. Food and Drug Administration 21 CFR 178.3570 for lubricants with incidental food contact.

NSF Nonfood Compounds H1 Registered: See Product Attribute Table

ISO 21469 Certification: See Product Attribute Table

Kosher and Pareve Certified



PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES	
ISO Grade	ASTM D2422	150	220
NSF NFC Registration Number		153652	153653
ISO 21469 Certified		Y	Y
Kinematic Viscosity, cSt @ 40°C	ASTM D445	150	220
Kinematic Viscosity, cSt @ 100°C	ASTM D445	20.6	28.8
Viscosity Index No.	ASTM D2270	160	169
Density, g/mL @ 15.6°C	ASTM D1298	0.849	0.848
Density, lb/gal @ 60°F	ASTM D1298	7.09	7.08
Pour Point, °F (°C)	ASTM D97	-27 (-33)	-27 (-33)
Flash Point, °F (°C)	ASTM D92	496 (258)	496 (258)
Fire Point, °F (°C)	ASTM D92	540 (282)	540 (282)
4-Ball EP, Weld Point, kgf	ASTM D2783	200	200
Load Wear Index, kgf	ASTM D2783	55	55
4-Ball Wear, scar diameter, mm	ASTM D2266	0.34	0.34
RPVOT, min	ASTM D2272	1600	1600
PDSC Oxidation Induction Time, min @ 185°C	ASTM D5483	120+	120+
PDSC Oxidation Induction Time, min @ 200°C	ASTM D5483	85	85
Copper Corrosion, 3 hr @ 100°C	ASTM D130	1B	1B
Rust Test, Distilled Water	ASTM D665A	Pass	Pass
Foam Tendency, mL, Blow/Settle, Seq. I, II, III	ASTM D892	0/0, 30/0, 30/0	0/0, 30/0, 30/0
Color	----	Light Amber	

Note: Fluid may discolor upon prolonged exposure to light, which is not an indication of reduced performance or instability.

Ultra-Kleen HyTemp Food Grade Blower Oil does NOT contain any ingredient with the following allergenic, sensitizing components or allergenic proteins or substances listed in the table below:

Animal Products including Enzymes, Fats or Proteins	Genetically Modified Organisms (GMO)
Eggs	Fish
Peanuts	Soybeans and Products Thereof
Sulfites	Dairy/derivatives
Wheat	Tree Nuts
Gluten (wheat, rye, barley, oats, spelt, kamut)	Shellfish/Crustaceans/Mollusks
Sesame and Products Thereof	Lupine
Mustard and Products Thereof	Celery
Carmine/Cochineal	BHA, butylated hydroxyanisole
MSG, monosodium glutamate	BHT, butylated hydroxytoluene
TBHQ, tertiary butylhydroquinone	Hydrolyzed Vegetable Protein (HVP)
Autolyzed Yeast	Artificial Flavors
FD&C Color	Saccharin

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.