

Ultra-Kleen™ Food Grade Drip Oil

 Lubricants for a Healthier Planet™

Ultra-Kleen™ Food Grade Drip Oil is formulated to provide outstanding lubrication and corrosion control for water wells, agricultural irrigation, and potable water applications.

Certified for NSF/ANSI Standard 60 for use in drinking water treatment applications (example: well pump, lubricant) **MAXIMUM USE LEVEL: 0.03 mg/L**



All ingredients in **Ultra-Kleen Food Grade Drip 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

TYPICAL APPLICATIONS INCLUDE:

Potable Water Well Drip Oil	Irrigation Drip Oilers	Immersion Oils	Circulating Systems
Hydraulic Systems	High Speed Bearings	High Speed Chains	Airlines

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES			
ISO Grade	ASTM D2422	22	32	46	68
NSF NFC Registration Number		--	153655	153656	153657
ISO 21469 Certified		--	Y	Y	Y
Kinematic Viscosity, cSt @ 40°C	ASTM D445	22	32	46	68
Kinematic Viscosity, cSt @ 100°C	ASTM D445	4.8	5.6	6.9	8.8
Viscosity Index No.	ASTM D2270	104	105	105	105
Density, g/mL @ 15.6°C	ASTM D1298	0.858	0.864	0.869	0.874
Density, lb/gal @ 60°F	ASTM D1298	7.16	7.23	7.25	7.28
Pour Point, °F (°C)	ASTM D97	-4 (-20)	0 (-18)	5 (-15)	6 (-14)
Flash Point, °F (°C)	ASTM D92	400 (204)	432 (222)	435 (224)	450 (232)
Fire Point, °F (°C)	ASTM D92	430 (221)	464 (240)	450 (232)	485 (252)
Saturates, wt %	ASTM D2007	>99.7	99.7	99.7	99.7
Aromatic, wt %	ASTM D2007	<0.3	0.3	0.3	0.3
Polynuclear Aromatics		None	None	None	None
Polynuclear Sulfur, ppm	ASTM D5453	<1	<1	<1	<1
Total Acid Number	ASTM D974	0.01	0.01	0.01	0.01
4-Ball Wear, scar diameter, mm	ASTM D2266	<0.5	<0.5	<0.5	<0.5
TOST Oxidation Stability, hr	ASTM D943	>6,000	>6,000	>6,000	>6,000
Copper Corrosion, 3 hr @ 100°C	ASTM D130	1B	1B	1B	1B
Rust Test, Distilled Water	ASTM D665A	Pass	Pass	Pass	Pass
Rust Test, Syn Sea Water	ASTM D665B	Pass	Pass	Pass	Pass
Foam Tendency, Seq. I, II, III	ASTM D892	Pass	Pass	Pass	Pass
Color	ASTM D1500	<0.5	<0.5	<0.5	<0.5
Appearance		Clear & Bright			

Ultra-Kleen Food Grade Drip 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.