

ULTRA-KLEEN™ XPL PURE AIR



Ultra-Kleen™ XPL Pure Air provides outstanding wear protection for air compressors used in industrial and food processing applications. Its ultra-high viscosity index offers excellent performance over a wide temperature range, and its superior oxidation resistance ensures long lubricant life without deposits even under severe conditions. Designed for use in rotary screw and rotary vane compressors with continuous operation at discharge temperatures up to 392°F (200°C).

All ingredients in **Ultra-Kleen XPL Pure Air** 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:

Rotary Screw Compressors	Vacuum Pumps	Hydraulic Systems
Rotary Vane Compressors	Air Lines	Bearings
Centrifugal Compressors	Food Processing Equipment	

Ultra-Kleen XPL Pure Air Meets or Exceeds:

DIN 51506 VDL	DIN 51506 VBL	ISO 6743-3 DAJ
ISO 6743-3 DAH	ISO 6743-3 DAG	ASTM D6158 HVHP
ISO 11158 HV	DIN 51524-3 HVLP	

Note: Ultra-Kleen XPL Pure Air is compatible with and can replace most hydrocarbon-based compressor oils, but mixing with other oils may detract from the total performance capability. Ultra-Kleen XPL Pure Air is not recommended in air compressor systems where a water-based polyglycol coolant is specified, such as Ingersoll Rand® Ultra Coolant or Sullair® Sullube®. For assistance selecting appropriate compressor lubricants, contact Hydrotex Technical Response Team at (972)389-8581 or TechnicalResponse@hydrotexlube.com.

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
ISO Grade	ASTM D2422	46
NSF NFC Registration Number		163036
ISO 21469 Certified		✓
Kinematic Viscosity, cSt @ 40°C	ASTM D445	46
Kinematic Viscosity, cSt @ 100°C	ASTM D445	7.91
Viscosity Index	ASTM D2270	143
Density, g/ml @ 15.5°C	ASTM D1298	0.8559
Density, lb/gal @ 60°F	ASTM D1298	7.144
Pour Point, °F (°C)	ASTM D97	-44 (-42)
Flash Point, °F (°C)	ASTM D92	480 (249)
Fire Point, °F (°C)	ASTM D92	556 (291)
4-Ball Wear, scar diameter, mm	ASTM D2266	.39
Sulfated Ash, wt %	ASTM D874	<0.005
Conradson Carbon Residue after Aging in Presence of Iron Oxide, wt%	DIN 51352-2	0.08
Vacuum Distillation to Remove 80 Volume %	ASTM D1160	79.9% complete
- Conradson Carbon Residue of Distillation Residue, wt%	ASTM D189	0.10
- Viscosity Ratio Before/After Distillation	ASTM D445	3.6, Pass
TOST Oxidation Stability, hrs	ASTM D943	10,000+
RPVOT, min	ASTM D2272	500+
PDSC Oxidation Induction Time, min @ 180°C	ASTM D6186	120+
Copper Corrosion, 3 hr @ 121°C	ASTM D130	1B
Rust Test, Distilled Water	ASTM D665A	Pass
Rust Test, Syn. Sea Water	ASTM D665B	Pass
Foam, Blow/Settle ml/ml, Seq. I, II, III	ASTM D892	0/0, 0/0, 0/0
Air Release, min @ 50°C	ASTM D3427	7
Fluid Cleanliness	ISO 4406	16/14/11 or cleaner
Color	ASTM D1500	0.5

Ultra-Kleen XPL Pure Air does NOT contain any ingredient with the following allergenic, sensitizing components or allergenic proteins or substances listed 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.