# Virginia Alkylbenzene Lubricant

Virginia alkylbenzene lubricants are recommended by both refrigerant producers and compressor manufacturers for use in systems with the interim HCFC refrigerants, as well as those with CFC's and ammonia. Wax related problems in low temperature applications are reduced due to the lower floc point of alkylbenzene lubricants. They are lower foaming for better lubrication on start-up, and are significantly more stable with different refrigerants resulting in less sludge, varnish and gumming. One of the best features is their compatibility with mineral oils in any proportion. Flushing of all of the old mineral oil is not necessary as the addition of alkylbenzene to mineral oil to top off a system or refill it only enhances the mineral oil's performance.

Available in 150, 200 and 300 SUS viscosities to handle most refrigeration system requirements.

Packaged in the USA in our ISO 9001 registered facility.
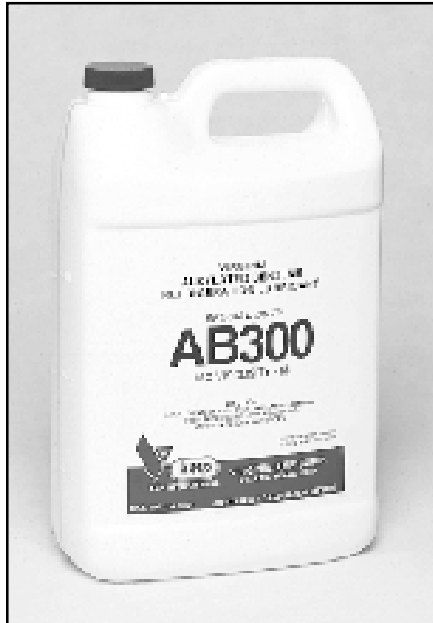
CHARACTERISTICS:

- Improved solubility in refrigerant.
- Better oil return.
- Low pour point.
- Low floc points.
- Low foaming characteristics.
- Improved thermal stability.
- Low moisture content.
- OEM approved.

USES:
Any CFC, HCFC or ammonia refrigeration or air conditioning application in which excellent lubrication of system components is desirable.

SUGGESTED INSTRUCTIONS FOR USE:
Due to the specific compressor manufacturers' requirements based on different system applications, consult the system manufacturer for their recommendations as to the correct quantity and viscosity of alkylbenzene lubricant for each system.
Note: Due to the solvent action of alkylbenzene oils, special consideration should be given to the use of liquid and suction line filter driers.

the reliable source.

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CAUTIONARY NOTES:

- For professional use only.
- Eye and skin irritant. Avoid contact with skin, eyes and clothing.

Refer to MSD sheet for further information. MSD sheets are available at your local wholesaler or by calling Virginia KMP.

SPECIFICATIONS:

Properties	Method*	AB150	AB200A	AB300
Viscosity cSt @ 40°C	D445	32	46	68
Viscosity, SUS @ 100°F	D445/D2161	150	200	300
Pour Point, Maximum, °F	D97	-40	-22	-22
Flash Point, Minimum, °F	D92	347	356	356
Floc Point, °F	ASHRAE 97	-85	-67	-67
Dielectric Strength, kV, Min.	D877	40	40	40
Specific Gravity, Minimum	D1298	0.86	0.86	0.86
Color, Max	D1500	1.5	1.5	1.5
Acid No., mgKOH/g, Max	D974	0.01	0.01	0.01
Water, ppm.	D1533	30	30	30

 * ASTM test method unless otherwise specified

PACKAGE SIZES AVAILABLE:

Virginia alkylbenzene refrigeration oils are packaged in quarts, 1, 5 and 55 gallon containers.

OTHER LUBRICANTS AVAILABLE FROM VIRGINIA KMP:

Suniso Mineral Oil - Available in 150, 300 and 500 SUS viscosities.

Virginia Mineral Oil - Available in 150 and 300 SUS viscosities.

Emkarate Polyol Ester Lubricants - Available in 22 through 220 ISO viscosities and a wide range of package sizes

TEST KITS:

TKO - Use to test mineral and alkylbenzene lubricants systems for acid.

ETK - Use to test polyol ester lubricants systems for acid.

RTK - For use in retrofitting systems to POE lubricants by indicating the percentage of mineral oil remaining in a system.

OA-1 - Mail off an oil sample and receive back a spectrographic analysis of over 20 different components as well as a numerical determination of viscosity, moisture and acid content.

Virginia KMP -- Your Reliable Source for Refrigeration Components, Cleaners, Lubricants, Sealants and Water Treatment

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