

## A-121 and A-121-5P LONG LIFE LUBRICATING FLUIDS

### Applications:

A-121 is the tried and proven premium quality impregnating lubricant that is the standard fluid for many powder metal applications.

A-121-5P was developed jointly with the research and development team of a powder metal manufacturer for the purpose of improving the base oil lubricating properties of A-121. A-121-5P has been fortified with colloidal graphite. This graphite fortified version tested for 7,700 hours at ambient temperatures, 25,000 PV (pressure velocity) at 1,000 RPM and 835 hours at 205°F, 18,000 PV (pressure velocity) at 1,000 RPM without failure.

### Typical Industrial Applications:

- Impregnating Lubricant
- Hydraulic Systems
- Gear Cases
- Appliances
- Business Machines
- Power Tools

### Performance Benefits:

- Effective at higher temperatures
- Extremely good rust and oxidation protection – actually sheds water
- Longer life than many conventional petroleum products
- Outstanding wear protection
- Excellent oxidation stability
- Compatible with many plastics
- A-110-5P: Containers should be mixed before opening or using for even dispersment

**A-121**

TYPICAL PROPERTIES	TEST METHOD	A-121	A-121-5P
ISO Grade	ASTM D2422	77	77
Viscosity @ 40°C,cSt	ASTM D445	76.4	75
Viscosity @ 100°C,cSt	ASTM D445	9.5	10.0
Viscosity Index	ASTM D2270	100	116
Flash Point, °C/°F	ASTM D92	250/482	250/482
Pour Point, °C/°F	ASTM D97	-30/-22	-30/-22
Specific Gravity	ASTM D1298	0.88	0.88

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#### HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

#### TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at [info@ultracheminc.com](mailto:info@ultracheminc.com)

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