

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 |

03/10

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

**MADE
IN
USA**



900 Centerpoint Blvd.
New Castle, DE 19720
P.....302-325-9880
F.....302-325-0335
info@ultracheminc.com