

## SYNTROIL® 220, 330, and 440 SYNTHETIC IMPREGNATING LUBRICANTS

### Applications:

The Syntroil series lubricants are designed for the impregnation of sintered metal bearings, structural parts and reservoirs for the longest possible life over the widest temperature range. For appliances, automotive, business machines, power tools and sound equipment applications. The Syntroils are the finest impregnating fluids available today.

The Syntroil series can be fortified with colloidal graphite, which has been milled to an average particle size of .5 micron. Syntroil 220G, 330G, and 440G help eliminate dry start-ups, chirping or squeaking at low temperatures, and reduces wear in high wear applications.

### Typical Industrial Applications:

- Impregnating Lubricant
- Appliances
- Automotive Parts
- Business Machines
- Power Tools
- Sound Equipment Applications

### Performance Benefits:

- Very low evaporation rate for longest life
- Widest useful temperature range
- Excellent oxidation stability, no deposits
- Outstanding film strength, better than other synthetics
- Built-in non-sling, non-drip characteristics
- Resists "pumping"
- Assured reliability under adverse conditions of temperature, time, wear and oxidation
- Syntroils fortified with graphite: Containers should be mixed before opening or using for even dispersment

TYPICAL PROPERTIES	TEST METHOD	Syntroil 220	Syntroil 330	Syntroil 440
Viscosity @ 40°C,cSt	ASTM D445	32.0	64.7	73.6
Viscosity @ 100°C,cSt	ASTM D445	6.8	11.7	12.3
Viscosity Index	ASTM D2270	150	147	165
Flash Point, °C/°F	ASTM D92	219/425	232/450	243/470
Pour Point, °C/°F	ASTM D97	-57/-70	-51/-60	-46/-50
Temperature Range, F	---	-60 to 400	-50 to 430	-40 to 450
Evaporation Loss, %	ASTM D972	0.11	0.10	0.13
Lbs./Gal.	---	8.35	8.40	8.39
Specific Gravity	ASTM D1298	1.002	1.008	1.005

#### 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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