

## ULTRACHEM COOLANT and COOLANT 32

### ROTARY SCREW COMPRESSOR LUBRICANTS

#### Applications:

Ultrachem Coolant and Coolant 32 are developed from a unique premium blend of polyalkylene glycol (PAG) and esters which together form an exceptional coolant and act to reduce oxidation and deposit formation. They offer excellent heat transfer properties, long life, high flash points, low evaporation, low volatility, and excellent hydrolytic stability. They do not form varnish deposits like petroleum or PAO oils. Ultrachem Coolant and Coolant 32 are a less expensive alternative to our Ultrachem Coolant PE and Coolant 32 PE. We recommend the PE versions for applications involving high humidity, heat or other demanding conditions that may result in shorter life.

#### **Typical Industrial Applications:**

- Rotary Screw Compressors

#### Performance Benefits:

- 100% synthetic
- Wide temperature range
- Extended oil change intervals
- Eliminates deposit formation
- High flash points mean reduced fire hazards
- Waste disposal is minimized due to longer life
- Cost effective
- Eliminates seasonal oil changes

TYPICAL PROPERTIES	TEST METHOD	Ultrachem Coolant	Coolant 32
ISO Grade	ASTM D2422	46	46
Viscosity @ 40°C,cSt	ASTM D445	51.4	46.1
Viscosity @ 100°C,cSt	ASTM D445	8.7	8.1
Viscosity Index	ASTM D2270	146	148
Flash Point, °C/°F	ASTM D92	272/521	261/501
Pour Point, °C/°F	ASTM D97	-45/-50	-48/-55
Auto-ignition, °C/°F	ASTM E659	385/750	385/750
Foaming Sequences I, II, III	ASTM D892	Nil	Nil
Color	Visual	---	Green
Specific Gravity	ASTM D1298	0.98	0.98

#### **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)



8/12

900 Centerpoint Blvd.  
New Castle, DE 19720  
P.....302-325-9880  
F.....302-325-0335  
[info@ultracheminc.com](mailto:info@ultracheminc.com)