

# Fomblin® Z60

## perfluoropolyether

Fomblin® Z perfluoropolyether fluids have the following unique features:

- Good low temperature viscosity
- Superior evaporative loss
- Very high viscosity indices
- Very good extreme pressure (EP) and wear characteristics

### General

|                 |                                                      |                                    |
|-----------------|------------------------------------------------------|------------------------------------|
| Material Status | • Commercial: Active                                 |                                    |
| Availability    | • Africa & Middle East<br>• Asia Pacific<br>• Europe | • Latin America<br>• North America |
| Features        | • Chemical Resistant<br>• High Density               | • High Heat Resistance             |
| Forms           | • Liquid                                             |                                    |

| Physical                                     | Typical Value | Unit              | Test method |
|----------------------------------------------|---------------|-------------------|-------------|
| Density (20°C)                               | 1.85          | g/cm <sup>3</sup> | ASTM D4052  |
| Average Molecular Weight                     | 21500         | amu               |             |
| Evaporation Weight Loss <sup>1</sup> (204°C) | 0.20          | %                 | ASTM D2595  |
| Four Ball Wear Test <sup>2</sup> (75°C)      | 0.93          | mm                | ASTM D4172  |
| Kinematic Viscosity                          |               |                   | ASTM D445   |
| 20°C                                         | 600           | cSt               |             |
| 40°C                                         | 355           | cSt               |             |
| 100°C                                        | 98.0          | cSt               |             |
| Surface Tension (20°C)                       | 25            | dyne/cm           |             |
| Viscosity Index                              | 350           |                   | ASTM D2270  |

| Thermal    | Typical Value | Unit | Test method |
|------------|---------------|------|-------------|
| Pour Point | -63           | °C   | ASTM D97    |

| Additional Information | Typical Value | Unit |
|------------------------|---------------|------|
| Approximate ISO Grade  | 320           |      |

## Notes

Typical properties: these are not to be construed as specifications.

<sup>1</sup> 22 hr

<sup>2</sup> 1 hr, 1200 rpm, 40 kg

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