

## Speciality Oils and fluids



### Oils

| Product     | Base oil | Viscosity at 40°C | Viscosity at 100°C | Pour point in °C | Evaporation weight loss at 120°C | Evaporation weight loss at 149°C | Evaporation weight loss at 204°C | Available in: |
|-------------|----------|-------------------|--------------------|------------------|----------------------------------|----------------------------------|----------------------------------|---------------|
| Y 04        | PFPE     | 15                | 3.2                | -58              | 9%                               | -                                | -                                | Worldwide     |
| Y 06        | PFPE     | 22                | 4.1                | -45              | 6%                               | 20%                              | -                                | Worldwide     |
| Y 25        | PFPE     | 80                | 10                 | -35              | -                                | 2%                               | 15%                              | Worldwide     |
| Y 45        | PFPE     | 147               | 16                 | -30              | -                                | 0.70%                            | 1.7%                             | Worldwide     |
| YR          | PFPE     | 345               | 33                 | -25              | -                                | 0.5%                             | 1.2%                             | Worldwide     |
| YR 1800     | PFPE     | 510               | 47                 | -20              | -                                | -                                | 0.5%                             | Worldwide     |
| Y LOX 120   | PFPE     | 42                | 6.8                | -46              | <10%                             | -                                | -                                | Worldwide     |
| LC 55       | PFPE     | 21.5              | 4.2                | -56              | 40%                              | -                                | -                                | Worldwide     |
| LC 200      | PFPE     | 65.6              | 9.4                | -40              | 17%                              | -                                | -                                | Worldwide     |
| YL VAC 06/6 | PFPE     | 64 (bij 20 °C)    | 64 (bij 20 °C)     | -50              | 2.8%                             | -                                | -                                | Worldwide     |
| YL VAC 14/6 | PFPE     | 148 (bij 20 °C)   | 148 (bij 20 °C)    | -45              | -                                | 2.6%                             | -                                | Worldwide     |
| YL VAC 16/6 | PFPE     | 168 (bij 20 °C)   | 168 (bij 20 °C)    | -45              | -                                | 3.9%                             | -                                | Worldwide     |
| YL VAC 25/6 | PFPE     | 276 (bij 20 °C)   | 276 (bij 20 °C)    | -35              | -                                | 0.6%                             | -                                | Worldwide     |
| M 03        | PFPE     | 17                | 5                  | -85              | -                                | 6.5%                             | -                                | Worldwide     |
| M 15        | PFPE     | 85                | 22                 | -75              | -                                | 0.8%                             | 3.0%                             | Worldwide     |
| M 30        | PFPE     | 159               | 45                 | -65              | -                                | -                                | 0.7%                             | Worldwide     |
| M 60        | PFPE     | 310               | 86                 | -60              | -                                | -                                | 0.4%                             | Worldwide     |
| M 100       | PFPE     | 700               | 200                | -50              | -                                | -                                | 0.3%                             | Worldwide     |
| Z 03        | PFPE     | 18                | 5.6                | -90              | -                                | 6.0%                             | -                                | Worldwide     |
| Z 15        | PFPE     | 92                | 28                 | -80              | -                                | 0.2%                             | 1.2%                             | Worldwide     |
| Z 25        | PFPE     | 133               | 42                 | -75              | -                                | -                                | 0.4%                             | Worldwide     |
| Z 60        | PFPE     | 355               | 98                 | -63              | -                                | -                                | 0.2%                             | Worldwide     |

### Fluids

| Product               | Base oil | Viscosity at 25°C | Boiling point in°C | Pour point in °C | Heat of vaporization at BP in cal/g | Thermal conductivity in w/m-K | Available in: |
|-----------------------|----------|-------------------|--------------------|------------------|-------------------------------------|-------------------------------|---------------|
| D 02 Dual Fluids      | PFPE     | 1.8               | 175                | -97              | -                                   | -                             | Worldwide     |
| D 02 TS single fluids | PFPE     | 1.7               | 165                | -97              | -                                   | -                             | Worldwide     |
| D 03 single fluids    | PFPE     | 2.4               | 203                | -85              | -                                   | -                             | Worldwide     |
| D 05 Dual fluids      | PFPE     | 4.4               | 230                | -77              | -                                   | -                             | Worldwide     |
| DET Dector fluids     | PFPE     | 0.60              | 81                 | -110             | -                                   | -                             | Worldwide     |
| HT 55                 | PFPE     | 0.45              | 55                 | <-125            | 22                                  | 0.065                         | Worldwide     |
| HT 70                 | PFPE     | 0.50              | 70                 | <-110            | 17                                  | 0.065                         | Worldwide     |
| HT 80                 | PFPE     | 0.57              | 80                 | -110             | 17                                  | 0.065                         | Worldwide     |
| HT 110                | PFPE     | 0.77              | 110                | -100             | 17                                  | 0.065                         | Worldwide     |
| HT 135                | PFPE     | 1.00              | 135                | -100             | 16                                  | 0.065                         | Worldwide     |
| HT 170                | PFPE     | 1.80              | 170                | -97              | 16                                  | 0.065                         | Worldwide     |
| HT 200                | PFPE     | 2.40              | 200                | -57              | 15                                  | 0.065                         | Worldwide     |
| HT 230                | PFPE     | 4.40              | 230                | -77              | 15                                  | 0.065                         | Worldwide     |
| HT 270                | PFPE     | 14                | 270                | -66              | 15                                  | 0.065                         | Worldwide     |
| HS 240                | PFPE     | 5.30              | 240                | -                | 63                                  | 0.07                          | Worldwide     |
| LS 215                | PFPE     | 3.80              | 215                | -                | 63                                  | 0.07                          | Worldwide     |
| LS 230                | PFPE     | 4.40              | 230                | -                | 63                                  | 0.07                          | Worldwide     |
| SV 55                 | PFPE     | 0.45              | 55                 | -                | 22                                  | -                             | Worldwide     |
| SV 70                 | PFPE     | 0.50              | 70                 | -                | 17                                  | -                             | Worldwide     |
| SV 80                 | PFPE     | 0.57              | 80                 | -                | 17                                  | -                             | Worldwide     |