

## Soltex mPolyalphaolefin

### Description

Highly branched isoparaffinic polyalphaolefins produced using a metallocene catalyst. These heavy polyalphaolefin grades have been engineered to be a close offset to existing PAO fluids and high quality oils. mPAO grades offer improved viscosity index, shear stability and low temperature performance in finished lubricants. They can be used in many industrial and automotive lubricant applications including synthetic gear oils, compressor oils, hydraulic fluids, greases, engine oils and other functional fluids.

### Typical Properties

| SPECIFICATIONS                    | ASTM       | mPAO 65 | mPAO 100 | mPAO 150  |
|-----------------------------------|------------|---------|----------|-----------|
| Appearance                        | Visual     | Clear   | Clear    | Clear     |
| Color, Pt/Co                      | D5386      | 50 max  | 50 max   | 50 max    |
| Kinematic Viscosity (cSt) @ 100°C | D7042/D445 | 58 - 72 | 93 - 110 | 135 - 170 |
| Flash Point (COC), °C             | D92        | 230 min | 230 min  | 230 min   |
| Pour Point, °C                    | D5950/D97  | -36 max | -38 max  | -30 max   |
| <b>TYPICAL PROPERTIES</b>         |            |         |          |           |
| Specific Gravity 15.6°C/15.6°C    | D4052      | 0.846   | 0.847    | 0.849     |
| Viscosity Index                   | D2270      | 180     | 195      | 205       |
| Density, lb/gal                   |            | 7.06    | 7.069    | 7.085     |

### Packaging

mPAO 65, 100, & 150 cSt is available in drums and in bulk (tank trucks and railcars).

Samples are available upon request.

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