

AZTEC OILS LTD

Syngear Range

Description:

Aztec Syngear oils are exceptional polyalphaolaphine based synthetic gear lubricating oils designed to withstand very heavy loading and high temperatures but also exhibits excellent cooling properties due to it's relatively low viscosity. Allows thermally stable operation at temperatures in excess of 200oC. Maximum temperature rating 235-255oC .

Benefits:

1. High molecular weight giving very high film strength
2. Excellent viscosity index.
3. Very low pour point.
4. Improved heat transfer characteristics.
5. Lower coefficient of friction than mineral oils.
6. Extended lubricant life between oil changes.
7. Reduced oil consumption due to the high temperature stability and low volatility.

Typical Test Data

| | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 | 680 |
|-----------------------------|------|------|------|------|------|------|------|------|-----|
| ISO Viscosity Grade | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 | 680 |
| Specific Gravity n@ 60oF | .849 | .849 | .857 | .893 | .895 | .898 | .901 | .911 | .90 |
| Visc Kinomatic @ 40oC | 32 | 46 | 68 | 100 | 150 | 220 | 320 | 460 | 680 |
| @ 100oC | 6.1 | 7.8 | 10.1 | 11.8 | 13.5 | 17.9 | 23.5 | 31.4 | 35 |
| Viscosity Index | 150 | 150 | 152 | 152 | 154 | 156 | 156 | 158 | 160 |
| Pour Point oC | -30 | -30 | -30 | -30 | -30 | -28 | -28 | -26 | -24 |
| Flash Point (PMCC) | 245 | 245 | 248 | 250 | 250 | 250 | 255 | 260 | 265 |

Health & Safety Please refer to the relevant health & safety data sheet, a copy of which is freely available to all of our customers