

MAXIGEAR SYN - 320 - 460 - 680 - 1500

DESCRIPTION:

100% SYNTHETIC technology lubricating oils based on PAO + Ester specially designed to handle situations with extreme load and temperature conditions. Its advanced formulation provides an extraordinary chemical resistance to oxidation, providing high periods of drainage and a high reduction in costs caused by maintenance shutdowns.

PROPERTIES & ADVANTAGES:

- ✓ Minimum foam formation and superior anti-wear, anti-rust and anti-corrosion properties.
- ✓ Reduced formation of deposits, keeping the gear unit in an optimum state of cleanliness.
- ✓ Excellent thermal stability, allowing peak temperatures to be reached in excess of 140 °C.
- ✓ Fast separation from water, which prevents moisture from entering metal surfaces.
- ✓ Reduces power loss to friction, ensuring optimum performance and quiet operation.
- ✓ Their excellent extreme pressure properties make them suitable for use in heavily loaded elements.
- ✓ Aceites compatibles con bases minerales, sintéticas de base PAO y sintéticas de base éster.

APPLICATIONS:

- ✓ Long performance lubrication in all types of gearboxes.
- ✓ Gears subjected to large external temperature variations, where excellent cold fluidity is required combined with high stability and lubricity at high temperature.
- ✓ Guillotines (Polar, Wholeberg, etc.), Folding machines (Jagemberg, Bremer, etc.), mechanical elements in Roland, Heidelberg, König Bauer, Wifag, Chambon, etc. machines
- ✓ Gears, plain bearings, guides and bearings where an extreme pressure lubricant is required.
- ✓ Lubrication of elements with shock and/or sliding loads.

SPECIFICATIONS / QUALITY LEVEL:

| | | |
|-----------------------|-----------------------|--|
| DIN 51517 Parte 3 CLP | ISO 12925-1 CKC - CKD | CINCINNATI MACHINE P-59 (ISO 320) P-35 (ISO 460) / P-34 (ISO 680) |
| US STEEL 224 | DAVID BROWN S1.53.101 | |
| AGMA 9005-D94 EP | ISO 6743/6: CKC/CKD | |

TECHNICAL DATA:

| PHYSICOCHEMICAL CHARACTERISTICS | STANDARD | VALUE | | | |
|--|--------------|-----------|-----------|-----------|-----------|
| | | 320 | 460 | 680 | 1500 |
| ISO grade | ISO 3448 | 320 | 460 | 680 | 1500 |
| Viscosity at 40 °C (cSt) | ASTM D-445 | 288 - 352 | 414 - 506 | 612 - 748 | 1350-1650 |
| Viscosity Index | ASTM D-2270 | 140 | 140 | 140 | 140 |
| Density at 15 °C, typical (kg/l) | ASTM D-1298 | 0.900 | 0.900 | 0.900 | 0,890 |
| Pour point (°C), max. | ASTM D-97 | -30 | -30 | -25 | -25 |
| Flash point COC, min. (°C) | ASTM D-92 | 230 | 230 | 230 | 230 |
| Copper corrosion (3 hrs, 100 °C), max. | ASTM D-130 | 1b | 1b | 1b | 1b |
| FZG, Stage | DIN 51354/2 | 13 | 13 | 13 | 13 |
| TIMKEN OK load (lb) | ASTM D-2782 | 75 | 75 | 75 | 75 |
| 4-ball EP test, welding (kg) | IP-239 | 320 | 320 | 320 | 320 |
| 4-ball Wear test, scar diameter (mm) | ASTM D- 4172 | < 0.4 | < 0.4 | < 0.4 | < 0.4 |

Note : These data represent average values after different tests. Given the wide variety of operating conditions, they do not constitute a basis for specifications. Olipes SL reserves the right to modify the indicated data without prior notice.

PACKAGING:

20L jerrycan and 200L drum.