

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, Wholemberg, 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/CKS	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.