

## MAXIGRAS 91

### DESCRIPTION:

Synthetic lubricant with a transparent and stringy semifluid gel appearance. Specially formulated to remain in a gel form at room temperature and to fluidify by a gradual temperature increase.

### PROPERTIES:

- ✓ Excellent performance under extreme conditions and shock loads. High EP capacity.
- ✓ Thanks to its adhesion and wrapping, it allows a correct lubrication of the gears and prevents drainage and leaks at standstills.
- ✓ Protection against corrosion and oxidation.
- ✓ High pumpability.
- ✓ Excellent adhesion, high resistance to dripping / draining.

### APPLICATIONS:

- ✓ Gears with linear speeds of less than 1.6m/sec
- ✓ Machinery with possible dripping problems with traditional lubricants, such as crane bridges, conveyor reducers, power transmissions, motor reducers in rolling mills, straightening machines.

### SPECIFICATIONS:

DIN 51517	Parte 3 CLP
USS	224
AGMA	9005/D94
API	GL-4



Heavy Loads

### TECHNICAL DATA:

PHYSICOCHEMICAL CHARACTERISTICS	STANDARD	VALUE
Thickener (Nature)	-	Aluminum
Color	Visual	Dark Amber
Aspect	Visual	Fluid gel
Brookfield Viscosity, typical values <ul style="list-style-type: none"> <li>- at 25°C (cP)</li> <li>- at 0°C (cP)</li> <li>- at -15°C (cP)</li> </ul>	ASTM D-2983	7000 27000 45000
FZG, Phases	DIN 51354	>12
Pour point (°C)	ASTM D-97	-18
Flash point (°C)	ASTM D-92	250
4-Ball Wear Test (40kg/1200rpm/75°C (167°F)/1h), scar (mm)	ASTM D-2266	<0.5
4-Ball EP Test, weld load (kg)	IP-239	500
Copper corrosion, 3h, 100°C	ASTM D-130	1b

*Note : These data represent average values after different tests. Due to the wide variety of operating conditions, they do not constitute a basis for specifications.*

### HOW TO USE:

MAXIGRAS 91 can be pumped through automated systems, in consultation with the manufacturer.

MAXIGRAS 91 is compatible with any grease with the same base (thickener and oil). If in doubt please contact our technical department.

### PACKAGING:

50L & 200L drums.