

ENVIRO GEAR LUBRICANT (EGL) 1280

Spanjaard Enviro Gear Lubricant (EGL) 1280 is an extremely heavy-duty lubricant containing a blend of complex synthetic esters with extreme pressure, low friction and anti-corrosion properties.

APPLICATIONS

- Lubrication of heavy duty open gears of ball and rod mill drives in the mining industry.
- Slow moving, plain bearings, pins, bushes, ring gears and slides.
- Winch open gears; bearings and ropes, in marine conditions; where water and corrosion cause problems.

DIRECTIONS FOR USE

EGL 1280 can be applied by grease gun, brush, hand application and automatic spray lubricators.

For open gears we suggest the use of a stroboscope to monitor and set the correct volume of lubricant for the gear, thus the amount of grease can actually be seen on the gear tooth. For application using spray systems, it's recommended that **EGL 1280** be conditioned to at least 15°C.

PROPERTIES

Colour	Amber
Base Fluid	Complex Esters
Operating Temp (°C)	-20 to 160
Kinematic Viscosity @ 40°C (cSt)	20000
Kinematic Viscosity @ 100°C (cSt)	1100
Viscosity Index	266
Density, 40°C (g/ml)	0.87
Four Ball - Weld Load (D2596), kg	800 pass
Four Ball - Wear Scar Diam (D2266)	0.5
FZG Grease / Open Gear (ISO/DIN 14635-3)	Pass Load Stage 12
Copper corrosion (ASTM D130)	1B
Pour Point (°C)	<0

FEATURES

- **EXCELLENT LOAD CARRYING CAPACITY.** Owing to the high film strength of the complex ester-based fluids and the unique combination of extreme pressure, anti-wear and anti-corrosive additives used prevent metal to metal contact. The shear stable formulation prevents viscosity loss.
- **EXTREMELY COST EFFECTIVE.** Although EGL 1280 is formulated from high-quality complex esters, it is a very cost-effective product when compared to other synthetic open gear lubricants. On a like-for-like basis users can expect to reduce their lubricant costs by approximately 30-40% - which translates into a considerable saving on lubrication costs. Highly adhesive and does not wash off in wet conditions.
- **SAVINGS ON ELECTRICITY CONSUMPTION.** Under ideal conditions, including optimal application equipment to ensure an even coverage of grease on the gears, EGL 1280 can provide savings in electricity costs over traditional asphaltic lubricants, due to improved lubricant properties and a reduction in heat build-up due to poor application of the lubricant to the gear. It is impossible to determine the quantum of the savings achievable before use under actual mill conditions as each mill has its own unique set of variables.
- **ENVIRONMENTALLY FRIENDLY.** When compared to conventional asphaltic based open gear lubricants, EGL 1280 is much kinder to the environment. Waste grease is non-hazardous and can be disposed of in the same way as any other non-hazardous lubricant. In the event of unintentional/accidental release into water sources EGL 1280 will not harm aquatic life. The diluent used is also environmentally friendly having an extremely low Global Warming Potential and a low Ozone Depleting Potential. The diluent is not considered a Hazardous Air Pollutant.
- **EASE OF INSPECTION.** EGL 1280 is a clear product when applied, which will improve the ease of mill inspections as any wear on the gears can be easily identified, without the need to first clean the gear teeth.

PACKAGING

50 kg drum

Revision: 110523

For safety and storage information, please refer to the safety data sheet (SDS).

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ISO 9001 Certified Manufacturer

Manufacturers & Distributors of Special Lubricants & Allied Chemical Products

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