

DECATHLON® GOLD

SYNTHETIC HIGH-PERFORMANCE OPEN GEAR LUBRICANT

Whitmore® Decathlon® Gold is the ultimate solution to the problem of lubricating open gears and very slow-moving enclosed gears. It is clean, environmentally friendly, easy to work with, and it protects even the most heavily loaded gears.

Traditionally, open gears on kilns, ball mills and dryers have been lubricated using asphaltic products. These products are dark and messy, and disposing of the waste is sometimes difficult. Whitmore Decathlon Gold provides the same level of protection to the gears as asphaltic lubricants but is a versatile product that is light in color.

Whitmore Decathlon Gold may be applied using a spray system, such as is manufactured by Lincoln or Farval. It may also be applied from a sump, where the pinion drags through the lubricant, or an idler wheel applies lubricant to the pinion. It may also be continuously pumped directly onto the gears.

Whitmore Decathlon Gold contains no solid additives. It can be filtered without loss of additives.

Whitmore Decathlon Gold contains no hazardous materials and may be disposed of in the same manner as any spent oil.

Whitmore Decathlon Gold and Decathlon Gold Heavy are both semi-synthetic. Whitmore Decathlon Gold Super Heavy is fully synthetic.

BENEFITS:

- SAFE - Contains no hazardous materials.
- CLEAN - Light golden color.
- EASY - Can be applied by spray, dip or continuous pump.
- EFFECTIVE - Protects gears under severe load and shock load
- NO SOLID ADDITIVES - Can be filtered for longer service life.

APPLICATIONS:

Whitmore Decathlon Gold is specifically formulated to protect heavily loaded gears on kilns, ball mills, dryers, and pelletizers. Also recommended for use on slideways, including crane slides. Whitmore Decathlon Gold can be used to lubricate wire ropes and large chains. Provides good resistance to water.

Whitmore Decathlon Gold is suitable for use at temperatures down to 20°F (-7°C). In applications where the oil temperature could drop below this level it may be necessary to apply heat. Consult Whitmore's Technical Service Department for further information.

May also be used in enclosed gearboxes that call for an extremely viscous gear oil.

| ASTM # | | TYPICAL CHARACTERISTICS | | |
|-----------------------|---|-------------------------|--------------|------------------|
| | | Gold | Gold Heavy | Gold Super Heavy |
| | ISO Grade | 3200 | N/A | N/A |
| D-445 | Kinematic Viscosity cSt @ 40°C cSt @ 100°C | 3,260 176 | 5,202 215 | 15,500 950 |
| D-2270 | Viscosity Index | 155 | 147 | 265 |
| D-97 | Pour Point, °F (°C) | 30 (-1) | 35 (2) | 21 (-6) |
| Gardner Method | Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C) | 7.50 0.90 | 7.58 0.91 | 7.00 0.84 |
| D-92 | Flash Point, °F (°C) Cleveland Open Cup | >390 (>199) | >400 (>204) | 375 (190) |
| D-2783 | Four Ball EP Weld Point, kg | 620 | 620 | >800 |
| D-4172 | Four Ball Wear Scar Width, mm @ 40 kgf | 0.60 | 0.40 | 0.35 |
| D-665 | Rust Test Distilled Water | Pass | Pass | Pass |
| D-130 | Copper Strip Corrosion 212°F (100°C) @ 3 hr | 1B | 1B | 1B |
| OEM Standard | Low Temperature Pumpability, Lincoln Ventmeter @ 400 psi, °F (°C) | 20 (-7) | 35 (2) | Not Reported |
| D-5182 | FZG Test Specific Mass Loss After Stage 12, mg/kWh | Not Reported | Not Reported | 0.0199 |

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

| | | |
|-----------------------------------|-------|-------|
| Plastic Totes (Non-returnable) | Drums | Pails |
|-----------------------------------|-------|-------|

For warranty information, scan the QR code.

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