

EARTHKEEPER® OGL BIODEGRADABLE OPEN GEAR LUBRICANT

Whitmore's expertise in lubricating open gear lubrication has been distilled into Earthkeeper® OGL, a highly effective lubricant for use on open gears that are found on Draglines, Shovels, Kilns and Ball Mills.

Earthkeeper® OGL is formulated using a high concentration of solid lubricants in combination with extreme pressure additives. It forms a robust film that protects from scuffing and pitting under the most punishing conditions.

Earthkeeper® OGL meets the definition of a biobased lubricant as outlined in section 9001 of The Farm Security and Rural Investment Act (FSRIA) of 2002 (Public Law 107-171/ HR 2642) and qualifies for preferred procurement by U.S. Federal Agencies as set forth in FSRIA section 9002.

Earthkeeper® OGL has been certified by the USDA as biobased, and has earned USDA BioPreferred designation.

BENEFITS:

- **BIODEGRADABLE** – it will pass the OECD 301B test for "ready biodegradability".
- **WEAR PROTECTION** – forms a tenacious and highly protective lubricating film.
- **PROVEN TECHNOLOGY** – uses a tried and proven additive system in combination with biodegradable oils.
- **OEM SPEC CONFORMANCE** – meets the requirements of CAT/Bucyrus SD4713 at ambient temperatures from -4°F to +104°F (-20°C to +40°C). Grades that are suitable for use on the hoist gear of model 495 shovels can be formulated on request.

APPLICATIONS:

Use Earthkeeper® OGL on open applications of Draglines and Shovels (open gears, house rollers, etc.) Also suitable for the open gears of Ball Mills and Kilns.

ASTM #		TYPICAL CHARACTERISTICS
	NLGI Grade	0
D-217	Cone Penetration (Worked)	355-385
D-2265	Dropping Point, °F (°C)	>600 (316)
D-445	Kinematic Viscosity (Finished Product) cSt @ 40°C cSt @ 100°C	1,902 83.10
Gardner Method	Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	9.15 1.098
D-2596	Four Ball EP Weld Point, kg	800
D-2266	Four Ball Wear Scar Width, mm	0.70
D-1743	Rust Test	Pass
D-4048 Modified	Copper Strip Corrosion for Greases 212°F (100°C) @ 3 hrs	1B
	Thickener Type	Inorganic
OEM Standard	Low Temperature Pumpability Lincoln Ventmeter @ 450 psi, °F (°C)	24 (-4)

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

PACKAGING

Shuttle Tanks	Nonreturnable Totes	Drums	Pails
---------------	---------------------	-------	-------

For warranty information, scan the QR code.
You can also email us at sales@whitmores.com
Or write to the Sales Department at the address below.

930 Whitmore Drive • Rockwall, Texas 75087 • USA • (972) 771-1000 • 800-699-6318
An ISO 9001 and ISO 14001 registered company • www.whitmores.com

