

OPEN GEAR LUBRICANT FOR CAT® ELECTRIC ROPE SHOVELS AND DRAGLINES

EXCELLENT PROTECTION NO MATTER THE WEATHER OR WORKING CONDITIONS

Cat® Open Gear Lubricant is a heavy duty, extreme pressure lubricant designed to provide protection on the open gears used in electric rope shovels and draglines. Formulated from a select blend of high viscosity index base oils and semi-synthetic base fluids, Cat open gear lube is designed to stay in place under extreme pressure and at a wide temperature range, delivering excellent protection no matter the weather or working conditions.



GEAR LUBRICANT FOR CAT ELECTRIC ROPE SHOVELS

TYPICAL CHARACTERISTICS*

	Cold Weather	Warm Weather
Color	Black	Black
Appearance	Viscous Semi-Fluid	Viscous Semi-Fluid
Specific Gravity	1.03	1.01
Flash Point	300° F (149° C)	235° F (113° C)
4 Ball EP Weld Point (diluted, finished)	620 kg	620 kg
4 Ball EP Weld Point (non-diluted, unfinished)	>800 kg	>800 kg
4 Ball Wear Scar (mm)	0.50	0.97
Rust	Pass	Pass
Copper Strip Corrosion	1A	1A
Ventmeter, 600 (psi)	-30° F @ <150 sec	20° F @ <30 sec
Base Oil Viscosity @ 40° C	50,000 cSt	50,000 cSt

* Typical Characteristics, as reported by Caterpillar Inc., are based on finished product (with non-solvent dilutant). Some competitive products publish typical characteristics based on unfinished (no dilutant) product, resulting in inflated values.

PRODUCT SPECIFICS

- High viscosity semi-synthetic compound designed to lubricate heavily loaded open gears and extend component life while reducing consumption.
- Solid anti-wear and extreme pressure additives provide unparalleled protection in the most heavily loaded zones of gear tooth mesh.
- Available in two grades to accommodate a wide range of temperatures. Warm Weather is recommended for ambient temperatures ranging from 20° F (-7° C) to 120° F (49° C). Cold weather is recommended for ambient temperatures ranging from -40° F (-40° C) to 50° F (10° C).
- Resists wash-off in rain and snow.

HEALTH AND SAFETY

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin, or respiratory irritation. Always observe good hygiene measures. Read and understand the Safety Data Sheet (SDS) before using this product. For a copy of the SDS, visit us on the web at www.catmsds.com.

CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.



We offer you the right parts and service solutions, when and where you need them.

The Cat dealer network of highly trained experts helps keep your entire fleet up and running to maximize your equipment investment.

