

# Open Gear Lubricant For Cat<sup>®</sup> 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

## For North America, South America (except Brazil), South Africa, & APD

Part Number	Type	Container Size	
424-1485	Warm Weather	181.4 kg (400 lb)	Drum
424-1486	Warm Weather	952.5 kg (2100 lb)	Tote
424-1487	Cold Weather	181.4 kg (400 lb)	Drum
424-1488	Cold Weather	952.5 kg (2100 lb)	Tote

## For Brazil Only

Part Number	Type	Container Size	
424-1470	Warm Weather	181.4 kg (400 lb)	Drum
424-1477	Warm Weather	952.5 kg (2100 lb)	Tote
424-1480	Cold Weather	181.4 kg (400 lb)	Drum
424-1489	Cold Weather	952.5 kg (2100 lb)	Tote

### Typical Characteristics\*\*

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

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