



DURALIFE® OPEN GEAR & WIRE ROPE LUBRICANTS

DURALIFE® OPEN GEAR & WIRE ROPE LUBRICANTS are manufactured from high quality mineral oils with Aluminum complex thickener, extreme pressure additives, rust, corrosion inhibitors and does not contain any asphalt. They are truly multipurpose, high temperature aluminum complex grease with excellent water resistance, mechanical stability and pump-ability.

These products were developed to withstand extremely heavy load, slow moving, large open gear drives operating in very hostile environments.

They exhibit a smooth spray pattern with most spray systems able to form a strong film across heavy gear surfaces better than asphaltic compounds and thus reducing the grease consumption and provide better lubrication. These lubricants can be applied by spray systems and also through dipping or brushing procedures.

APPLICATIONS :

DURALIFE® OPEN GEAR & WIRE ROPE LUBRICANTS are high performance service lubricant for heavily loaded gears for construction, mining, cement, iron, paper, sugar mills and other industrial equipment where extreme operating conditions prevail. These products are recommended for large open gears, bushings, rotary kilns, ball, rod and sag mills, dryers, debarking drums, excavators, draglines & shovels, large chains and other rotating machinery with open gear drives.

They are also used as a wire rope lubricant due to its outstanding wear and water resistance and are recommended for dragline drag and hoist ropes, shovel crowd and hoist ropes, stationary ropes, bridges strands and other support cables, tug tow ropes, shipboard crane cables and winch ropes.

BENEFITS :

- Semi-fluid and sprayable with a smooth pattern
- Tacky, adhesive and very high film strength on gear teeth
- Outstanding extreme pressure EP and anti-wear AW properties
- Excellent water resistant WR properties
- Excellent thermal and shear stability
- Asphalt and chlorine free
- Long shelf life
- NLGI 00 consistency provides the lubrication advantages of fluid with the tackiness and adhesive characteristics of grease
- Superior additive chemistry to protect metal surfaces during stop-rum conditions and provides a long life to very expensive equipment
- Protects gears from breakdown and wear under heavy and shock loads; thus reduces maintenance cost
- Long retention on surface giving full protection under water ingress conditions
- No breakdown or run-out over long period of use and even at high temperatures

TYPICAL CHARACTERISTICS :

Product Specifications	Typical Results	
	OPGWR 00	OPGWR 0
NLGI Grade	00	0
Base oil Viscosity @ 40°C, cSt ASTM D 445	>1000	>1000
Thickener Type	Aluminum complex	Aluminum complex
Color	Black	Black
FZG A/2, 76/50 – load – storage	>12	>12
FZG A/2, 76/50 – specific wear, Mg/kWh, ASTM D 2265	<0.2	<0.2
Penetration @25 °C(77°F) , Worked (60 Strokes) ,0.1mm, ASTM D 217	400-430	355-385
Timken OK Load, lbs , ASTM D 2509	45	45
4-Ball EP Weld Load, Kgf , ASTM D 2596	800	800
Water Resistance DIN 51807	Fully Resistant	Fully Resistant
Sprayability	sprayable	Sprayable

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING!

Contains petroleum distillates. Contact with skin or eyes can cause irritation. Avoid prolonged contact. Wash thoroughly after handling. If irritation, headache or nausea occurs, remove to fresh air . Get medical attention if symptoms persists. If swallowed, do not induce vomiting. Consult physician immediately.

Keep away from children

Do not store above 120°F. Keep away from heat or flame.

*Reference MSDS Number 12133 database on our website at **www.amtecol.com***