

## **All Gear**

### **Multi-Purpose Gear Lube**

No. 204

SAE 90, 140

#### **DESCRIPTION:**

**All Gear** is an all-purpose gear lubricant specially formulated from high viscosity index, hydroprocessed, group II base oils, Frontier Lubricant's exclusive MTX moly friction reducer additive package and the most advanced thermally stable additive system on the market today. The potential for thermal breakdown and deposits is far greater today than ever before due to the severe conditions present in modern drive trains. **All Gear** provides exceptional performance in high-temperature applications, performance far beyond that required by industry and OEM specifications. This unique formulation keeps critical parts cleaner because it prevents sludge and deposits, even under sustained high-temperature operation. This extends service life by preventing the formation of deposits that can cause premature seal and bearing failure.

#### **COMPOSITION:**

Anti-foam Additives	Demulsibility Additive	Oiliness Additives
Oxidation Inhibitors	Pour Point Depressants	Cohesive Additives
Anti-Wear Additives	Extreme Wear Additives	Adhesive Additives
Corrosion Inhibitors	Hydroprocessed, Group II Base Oil	Rust Inhibitors
MTX Moly Friction Reducer		

#### **USES:**

Transmissions	Worm Gears	Helical Gears
Hypoid Gears	Spiral-Bevel Gears	Power Drivers
Spur Gears	Speed Reducers	Planetary Axles
Wheel Bearings	Final Drives	Coniflex Straight
Differentials	Industrial Gears	Bevel Gears
Angular Gears	Straight Bevel Gears	Ring Gears

#### **TYPICAL APPLICATIONS:**

Tractors	Graders	Buses	Logging Equipment
Back Hoes	Automotive	Excavators	Farm Implements
Trucks	Industrial Gears	Bulldozers	Mining Equipment

#### **PERFORMANCE CAPABILITIES:**

**All Gear** meets and exceeds the rugged requirements of:

Military Specifications:	API Service GL-2, GL-3, GL-4, GL5
MIL-L-2105E	API Service MT-1
MIL-L-2105D	Mack Truck EO-G, GO-H
Volkswagen TL-727	Rockwell International 0-76-A, 0-76-B
Volvo 97310	Scania
Proposed PG-2	

**TYPICAL SPECIFICATIONS:**

<b>SAE Grade</b>	<b><u>90</u></b>	<b><u>140</u></b>
API Service Designation	GL5	GL5
AGMA Grade	5EP	7/8EP
Timken Load Test, lb.:	70	70
Viscosity @ 100°C, cSt:	21.7	28.5
Viscosity @ 40°C, cSt:	263	418
Viscosity Index	99	95
Gravity, ° API:	25.3	25.0
Pounds/Gallon:	7.51	7.53
Flash Point, COC, °F:	450	515
Pour Point, °F:	0	+5
Corrosion, 3 hrs @ 212°F:	Pass	Pass
Thermal Oxidation Stability Test	Pass	Pass
Adhesive/Cohesive Additive	Yes	Yes
Oxidation Inhibited	Yes	Yes

Values shown here are typical, and may vary.