



## Pioneer Premiere Gear Oils

Pioneer Premiere GL-5 Gear Lubes, available in viscosity grades 80w-90 and 85w-140, are made from high quality base oils and premium additives to provide excellent load carrying ability, extreme pressure (EP) properties, wear resistance, oxidation stability, anti-rust, anti-corrosion and anti-foam properties.

Pioneer Premiere GL-5 Gear Lubes are the highest performance level, multi-purpose type hypoid, spiral or bevel gear lubricants for the most severe service conditions in cars, trucks and other heavy equipment. They maintain viscosity, even under extreme operating temperatures and provide extra resistance to thermal degradation ensuring superior protection against oxidation, deposit formation and seal life.

Pioneer Premiere GL-5 Gear Lubes are recommended for all cars, trucks and other heavy equipment gears requiring API Service GL-5 lubricants. They are also suitable for both Limited Slip top offs and service fills. The "W" grade designation means that these products meet the low temperature requirement of that grade. The 90 and 140 portions of the name indicate the grade of normal operating temperatures and should be the primary basis of product recommendations.

Pioneer Premiere GL-5 Gear Lubes meet or exceed the following specifications:

API Service GL-5 and MT-1 \* Mack GO-J, GO-H, GO-G  
SAE J2360 \* International Truck and Engine CEMS B-22  
ArvinMeritor 0-76-A (SAE 85w-140), and 0-76-D (SAE 80w-90)

Typical Properties	Test Method	80w-90	85w-140
Specific Gravity @ 60°F	ASTM D4052	0.8885	0.9002
Viscosity @ 40°C cSt	ASTM D445	130.9	347.7
Viscosity @ 100°C cSt	ASTM D445	13.98	26.39
Viscosity Index	ASTM D2270	104	100
Color	ASTM D1500	5	6
Pour Point °C (°F)	ASTM D5950	-33°C (-27°F)	-18°C (0°F)
Gravity, °API	ASTM D287	27.76	25.69
Brookfield Viscosity at -26°C, cP	ASTM D2983	92,000	55,000

**PIONEER**  
D I S T R I B U T I N G C O .

**Quality Products \* Excellence In Service  
Since 1947**

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