

ROYAL OIL CO.

SPECIALTY LUBRICANTS

UNIVERSAL GEAR

Premium Gear Oil (GL-4, GL-5)

Excellent for Differentials

Eliminates Foam/Seal Damage

Reduces Temperatures

Eliminates Deposits

Excellent EP Chemistry

Superior Film Strength

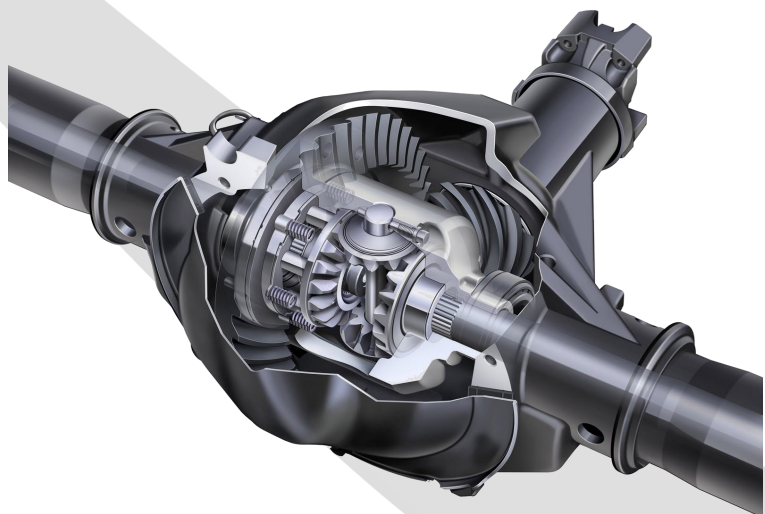
Extended Service Life

If you were to design a premier oil for differentials, one that reduces wear, heat and could handle the terrors of a small reservoir, high oxidation application...UNIVERSAL GEAR would be that product.

Designed using premium raw materials, no other petroleum based oil offers the additive strength and performance benefits of UNIVERSAL GEAR. Gear oils are most often their own worst enemy as they foam excessively, leading to seal issues, viscosity and thermal breakdown, shortened service life, the formation of deposits and excessive wear.

UNIVERSAL GEAR is the product to utilize for over the road differentials and various other gear oil applications.

“Traditional gear lubricants do not stand a chance in high speed, small reservoir differential applications. Excessive foaming leads to heat and host of other issues, destroying both the oil and the unit. UNIVERSAL GEAR changes everything.”



UNIVERSAL GEAR LUBE

Product Specifications

ISO Grade	68	220	460	1000
SAE GRADE	80	80w/90	85w/140	250
Flash, COC, °F., Minimum	400	400	410	410
Fire, °F., Minimum	440	440	460	460
Pour Point, °F., Minimum	-15	-25	0	+45
Channel Point, °F., Typical	-25	-35	-20	+25
Viscosity, SUS @ 0°F., Typical	16,000	---	---	---
Viscosity, Brookfield @ -26° C.	---	135,000	---	---
Viscosity, Brookfield @ -12° C.	---	---	61,000	---
Viscosity, SUS @ 100° F., Typical	439	958	1980	6404
Viscosity, SUS @ 210° F., Typical	55/65	85/95	130/145	220/270
Viscosity Index, Typical	107	103	101	75
Ash, Wt. % - ASTM D-482, Maximum	0.36	0.36	0.36	0.36
Three Hour Copper Strip Corrosion, Minimum	Pass	Pass	Pass	Pass
Sulfur, Wt. %, Typical	1.66	1.66	1.66	1.66
Phosphorous, Wt. %, Typical	0.10	0.10	0.10	0.10
Timken OK Load, lbs., Typical	60	70	75	75
Foam Test, ASTM, All Seq. ML	20/0	20/0	20/0	50/trace
Color	Royal Blue	Royal Blue	Royal Blue	Royal Blue

Sharing lubricant knowledge and delivering the highest quality products, two things we promise our customers. The difference will change how you view, purchase and utilize greases and oils from here forward.

Family owned and operated since 1926.



842 N. Main St.
Fort Worth, TX 76164
(800) 332-1926
sales@royaloilus.com
www.royaloilus.com

