

SPECIALTY LUBRICANTS

## 646 SUPREME

Premium Extreme Pressure Gear Oil

**Zero Emulsification** 

Adhesive/Cohesive Texture

**Excellent No Foam Chemistry** 

**Reduces Temperatures** 

**Exceptional Film Strength** 

Wear/Load Protection

## **Built-In Life Indicator**

"For us, this may be the one. When our customers see this product for the first time a light comes on. Issues with gear boxes become a thing of the past and 646 completely changes the way they service gear sets, forever."



646 SUPREME, sometimes just called "646", is one of our most popular products and for a good reason. When you make a list of all the issues inherent with running heavily loaded gear sets, there is not one that 646 doesn't address. Imagine reducing foaming and lowering temperatures to a point where creating condensation and damaging seals is a thing of the past. For gear sets exposed to the elements, imagine having the capability of draining any excess water out of your gear box and never having "milky" gear oil. Add to this the ability to completely coat and protect gear teeth, excellent stability for long life and a life indicator to help determine the service life of the oil. Make this the last gear oil you use.

## 646 SUPREME

## **Product Specifications**

SAE GRADE	75	80W/90	85W/140
Gravity, °API	27/29	26/28	25/27
Flash, COC, °F., Minimum	350	400	400
Fire, °F., Minimum	400	425	425
Pour Point, °F., Maximum	-25	-20	0
Non-Channeling @ -°F	-45	-35	-20
Viscosity @ 0°F., SUS (Extrapolated)	8000	300,000	
Viscosity, cSt @ 100° C.	4.1 min.	13.5-23.9	24.0-40.9
Viscosity Index, Minimum	120	98	98
Color, Observation	Red	Red	Red
Color, ASTM	6.0/7.0	7.5/8.0	7.5/8.0
Timken OK Load, lbs., Typical	70	70	70
Three Hour Copper Strip Test	Pass	Pass	Pass
Sulfur, Wt.%, Minimum	1.7	1.7	1.7
Foam Test, ml of Foam:			
Sequence I, II and III			
Initial	Trace	Trace	Trace
After 5 Minutes	Nil	Nil	Nil

646 SUPREME GEAR LUBRICANT is formulated to meet and/or exceed MIL-L-2105B, MIL-L-2105C, MIL-L-2105D, Mack GO-G, Clark MS-8, Ford M2C-105A, IHC B-22, API GL-4 and API GL-5.

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.



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