

# **ROYAL OIL CO.**

SPECIALTY LUBRICANTS

## **S&F TRANSMISSION OIL**

***Premium Gear Oil for Spicer Fuller Applications***

**Premium Base Oils**

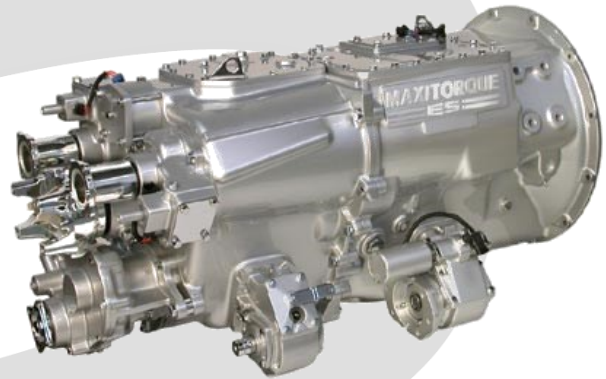
**Boosted Anti-Wear Package**

**Resists Oxidation**

**Excellent Non-foaming**

**Excellent Viscosity**

**Extended Drain Capable**



***“Royal’s S&F TRANSMISSION OIL acts as a coolant to dissipate heat so maximum efficiency may be maintained. It is formulated to remain stable under extreme conditions.”***

S&F TRANSMISSION OIL was formulated to provide the proper viscosity. It is an SAE 90 gear oil equal to the SAE 50 motor oil classification. Proper viscosity is required for film strength and proper flow to the various transmission components. It resists oxidation in two ways, one being the highest quality of base oils are used. Secondly, oxidation inhibitors are added to provide greater stability at elevated temperatures and prevent corrosion and sludge from forming. S&F TRANSMISSION OIL contains anti-wear additives, which provide a protective film on all moving parts. In operation, transmissions have many heavily-loaded parts such as gear teeth and bearings. A protective film must be provided to prevent metal-to-metal contact between these parts and therefore prevent scoring, scuffing, and seizure.

# ***S&F TRANSMISSION OIL***

## **Product Specifications**

ISO Grade	220
Gravity, API D287	26.0/25.0
Specific Gravity @ 60° F. Typical	0.8434
Flash Point, °F. COC, Min. D92	455
Fire Point, °F. COC, Typical D92	530
Pour Point, °F. Maximum D97	+10
Viscosity, SUS @ 100° F. Typical D446	1065
Viscosity Index, Min.	95
Sulfated Ash, Wt., % Max. D874	1.3
Foam Tendency/Stability: D892	
Sequence I	10/0
Sequence II	20/0
Sequence III	10/0
Anti-wear Additive	Present
Oxidation Inhibitors	Present
Corrosion Inhibitors	Present
Copper Strip Corrosion	1A
Color	Emerald Green

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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