SYNTEX 2700 SYNTHETIC GEAR LUBRICANT

- EXTENDED DRAIN-INTERVAL
- FE 75W/90 IS FUEL EFFICIENT
- WITHSTANDS HEAT
- MADE FROM SYNTHETIC BASE STOCKS
- ENSURES LUBRICATION FLOW
- RESISTS FOAMING

SYNTEX 2700 comes in two weights SAE 75W/90 and SAE 80W/140. The synthetic base stock has a very low pour point plus a high viscosity index. As a result these heavy duty extreme pressure gear lubricants offer superior low temperature performance as well as providing increased gear life due to extremely high film strength. When SAE 75W/90 is used in manual transmissions, shifting gears in sub-zero weather is much easier. If gears are heavily loaded, take a look at the 85 pound Timken OK Load for the SAE 80W/140. SYNTEX 2700 is suitable for limited slip differentials.

SYNTEX 2700 FE 75W/90 Meets Fuel Efficient Criteria

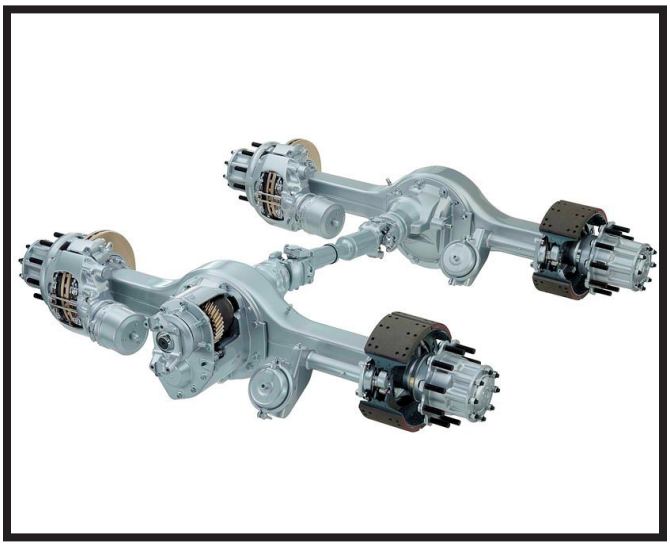
SYNTEX 2700 FE 75W/90 is a fuel efficient SAE 75W/90 offering a minimum 1% plus fuel savings due to optimized viscosity that reduces "drag" on gears and bearings while still offering superior protection to those same bearings and gears. The 1% plus fuel efficiency, compared to conventional SAE 80W/90, SAE 90 and SAE 75W/90 gear lubricants, per year for each vehicle can add up to significant savings for a company.

SYNTEX 2700 Has Extended Drain-Interval Capabilities

SYNTEX 2700 has extended drain-interval capabilities. Since SYNTEX 2700 is treated with additives to prevent and control oxidation, rust, corrosion, and wear the gear components receive longer life. The high and low temperature performances of these products exceed those of conventional SAE 80W/90 and SAE 90 hypoid gear lubricants.

SYNTEX 2700 Withstands Heat

SYNTEX 2700 withstands heat better than most petroleum oils. The need for make-up oil is less with SYNTEX 2700 compared to most straight petroleum gear lubricants. SYNTEX 2700 can help eliminate gears that "freeze up" due to gear lubes degrading from high operating temperatures.



SYNTEX 2700 added protection in the toughest jobs.

SYNTEX 2700 Is Made From Synthetic Base Stocks

SYNTEX 2700 is made from synthetic base stocks giving it extremely low pour points and channel points. The product is used in heavy duty equipment both on and off-road. SYNTEX 2700 is also used in many industrial applications particularly where either cold temperatures or hot temperatures make petroleum products unsatisfactory.

SYNTEX 2700 Ensures Lubrication Flow

SYNTEX 2700 ensures lubrication flow to pinion bearings, differential channels, and upper gears. The ability to protect gears and bearings in a wide range of loads, speeds, and temperatures make this product extremely useful.

SYNTEX 2700 is heavily loaded with high performance chemistry. Anti-rust, anti-corrosion, anti-foam, anti-oxidation, and extreme pressure anti-wear additives are all present in higher quantities than in conventional GL-5 petroleum gear lubricants.

SYNTEX 2700 Resists Foaming

SYNTEX 2700 fights (foaming) by using higher levels of superior anti-foam chemistry than conventional GL-5 petroleum gear lubricants. Foaming allows metal to metal contact, heat build-up, and eventually gear box failure. SYNTEX 2700 eliminates ordinary foaming problems and reduces foaming in the toughest applications.

SPECIFICATIONS

SYNTEX 2700 SYNTHETIC GEAR LUBRICANT

Typical Characteristics **Table 1**

Code #	8429	8430	Test Method
SAE Grade	75W/90	80W/140	J306b
AGMA Grade	4 EP	5-6 EP	ASTM D-2422
Viscosity, cSt			ASTM D-445
100° C.	15.0	31.0	
40° C.	105	285.0	
Viscosity, SUS			ASTM D-2161
210° F. (99° C.)	72	150.0	
100° F. (38° C.)	620	1,470.0	
Viscosity, cP			ASTM D-2983
0° F. (-18° C.)	3,125	20,500	
-15° F. (-26° C.)	- - - -	75,000	
-40° F. (-40° C.)	90,000	- - - -	
Viscosity Index	152	146	ASTM D-2270
Channel Point, °F.	<-60	-55	FTMS 3456
Pour Point, °F.	<-50	<-40	ASTM D-97
Flash Point, °F.	420	395	ASTM D-92
Foam Test			ASTM D-892
Sequence I	Pass	Pass	
Sequence II	Pass	Pass	
Sequence III	Pass	Pass	
API Gravity, 60/60° F.	27.3	23.6	ASTM D-287
Density, lbs./gal., 60° F.	7.42	7.52	
Copper Strip Corrosion			ASTM D-130
3 hrs. @ 212° F.	Pass 1A	Pass 1A	
3 hrs. @ 250° F.	Pass 1A	Pass 1A	
Thermal Heat Test, 300° F.	Pass	Pass	Rckw. 076E
Timken OK Load	70	85	
Demulsibility	Pass	Pass	Wheeling Steel Test
Color	Yellow	Yellow	— —

SYNTEX 2700 SYNTHETIC GEAR LUBRICANT is formulated to meet and/or exceed MIL-L-2105D, MIL-L-2105E, Mack GO-G, Mack GO-H/GO-HS, Mack GO-J, Mack GO-J Plus (SAE 75W90), Rockwell 0-76, API GL-5, API MT-1, Ford M2C-105A, Clark MS-8, General Electric D50E9C, Harnischfeger (P&H) 474, Brockway, U.S. Steel 224 Demulsibility, AGMA 250-03 Demulsibility, Axle Division Dana Corporation, and Eaton/Rockwell 750,000 Extended Warranty Coverage. SYNTEX 2700 SYNTHETIC GEAR LUBRICANT also meets and exceeds the PG-2 Thermal Stability Test requirements.

75W/90 Specifications: API GL-5/MT-1, Scania STO 1:0, Eaton Roadranger Extended Drain (E500), Mack GO-J Plus, Arvin Meritor O-76N, O-76E, International TMS-6816, SAE J2360 (MIL-E), ZF TE-ML 07A/08, ZF TE-ML 05B/12B/16F/19C/21B, ZF TE-ML 17B, MAN 342 Type M2, Dana SHAES 429 Rev. A, DANA SHAES 256 Rev. C, DTFR 12B140, Voith Turbo 3.325-340/3.325-342, Flender BA 7302 Table R1

80W/140 Specifications: Dana SHAES 256 Rev. A, Dana SHAES 429, API GL-5/MT-1, Scania STO 1:0, Mack GO-J, Arvin Meritor O-76N, International TMS-6816, SAE J2360 (MIL-E) ZF TE-ML 05/B/12B/16F/19C/21B.

HANDLING INFORMATION: For safe handling of the product, read the Safety Data Sheet (SDS).

Toll Free: 1-800-827-0711
Toll Free Fax: 1-800-582-3329
www.texasrefinery.com
E-mail: lube1@texasrefinery.com

TEXAS REFINERY CORP
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PRINTED IN U.S.A. 2023
L308430