



Our Business is Global

# TECHNICAL DATA

## GEARSYN 75W-90 & 80W-140

### SYNTHETIC GEARS / HEAVY DUTY

In today's world of efficiency improvements in most industries, there has been more emphasis placed on reducing energy requirements for equipment used in plant operations and for vehicular equipment. Much has been done in the area of lubricants to reduce friction, thereby reducing the input power to operate equipment. Petrochem has developed synthetic gear oils which will not only reduce frictional drag, but will also protect gears against failures associated with heavy loading. GEARSYN 75W-90 and 80W-140 meet the requirements of the API designation GL-5, the MIL-L2105E specification, and the Mack GO-G specification. PETROCHEM'S GEARSYN 75W-90 and 80W-40 are designed to meet the requirements of Eaton and Rockwell differentials.

### Physical Properties

PRODUCTS	75W-90	80W-140
Viscosity		
@ 40°C, cSt	157	274
@ 100°C, cSt	17.8	26.7
@ 100°F, SUS	727	1272
@ 210°F, SUS	89	128
Viscosity Index	146	150
Flash Point, °F (°C)	425 (218)	450 (232)
Pour Point, °F (°C)	-50 (-45)	-35 (-37)
Copper Strip Corrosion	1B	1B
Specific Gravity	0.877	0.888



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