

May 13, 2002

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Product Data Sheet



NOTE: The information in this publication is the result of careful testing in our laboratories, complemented by selected literature. It does not in any way constitute a guarantee, nor does it serve as a license to operate any patent. Due to widely varying conditions of product use, which are beyond our control, it is strongly recommended that the product be tested for suitability. Product typical properties in this publication are current as of May 13, 2002.

SYNTHETIC GEARS / HEAVY DUTY

SYNGEAR

75W-90 80W-140

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. Summit has developed synthetic gear oils which will not only reduce frictional drag, but will also protect gears against failures associated with heavy loading. Syngear 75W-90 and 80W-140 meet the requirements of the API designation GL-5, the MIL-L-2105E specification, the Mack GO-G specification, and limited slip requirements on all types of vehicles. Summit Syngear 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