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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.

SYNTHETIC GEARS / HEAVY DUTY

SYNGEAR® Heavy Duty Series

Most industries in today's world are shifting their focus toward efficiency improvements by putting an emphasis on reducing energy requirements for equipment used in plant operations and for vehicular equipment. Technological advances in lubricants have helped reduce the input power used to operate equipment by reducing friction. 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® Heavy Duty Series meet the requirements of the API designations GL-5 & MT-1, the MIL-L-2105E specification, SAE J2360 and the Mack GO-J specification. Summit Syngear® Heavy Duty Series lubricants are designed to meet the requirements of Eaton and Rockwell differentials.

Physical Properties

PRODUCTS	75W-90	75W-140	80W-140
Viscosity @ 40°C, cSt	90	183.92	283
@ 100°C, cSt	14.1	26.08	31.9
Viscosity Index	160	177	150
Flash Point, °F (°C)	428 (220)	430 (221)	450 (232)
Pour Point, °F (°C)	-67 (-55)	-58 (-50)	-35 (-37)
Copper Strip Corrosion	1B	1B	1B
Specific Gravity °F	0.861	0.885	0.888

Shelf Life: Product shelf life is 3 years from the date of manufacture, after which the product should be recertified prior to use.