

SYNCROWN 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. Brautek has developed synthetic gear oils which will not only reduce frictional drag, but will also protect gears against failures associated with heavy loading. **Brautek Syncrown Heavy Duty Series** meet the requirements of the API designations GL-4 / GL-5 & MT-1 / LS, the MIL-L-2105E specification, SAE J2360 and the Mack GO-J specification. **Brautek Syncrown Heavy Duty Series** lubricants are designed to meet the requirements of Eaton and Rockwell differentials.

Manufactured by Klüber Lubrication NA LP • P.O. Box 131359 • Tyler, CR 2120, Texas 75713, under license from Brautek LLC

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.

Physical Properties

PRODUCTS	75W-80	75W-80 LS	75W-90	75W-90 LS	80W-140
Viscosity					
@ 40°C, cSt	52.2	51.2	103.4	106.3	321
@ 100°C, cSt	9.5	9.2	14.3	14.6	31.9
@ 100°F, SUS	277	276	548	549	1654
@ 210°F, SUS	52	51	76.5	76.5	156
Viscosity Index	168	169	142	141	139
Flash Point, °F (°C)	439 (226)	439 (226)	425 (218)	425 (218)	450 (232)
Pour Point, °F (°C)	-50 (-45)	-50 (-45)	-50 (-45)	-50 (-45)	-35 (-37)
Copper Strip Corrosion	1B	1B	1B	1B	1B
Specific Gravity	0.869	0.869	0.877	0.877	0.888
API Specification	GL-4 / MT-1	GL-4 / GL-5 / LS	GL-4 / GL-5 / MT-1	GL-4 / GL-5 / LS	GL-4 / GL-5 / MT-1

Shelf Life: Product shelf life is 5 years from the date of manufacture, after which the product should be recertified prior to use.