

Syngear® Heavy Duty Series

Synthetic gears/Heavy Duty



Your benefits at a glance

- Reduces frictional drag
- Protects gears against heavy loading failures
- Reduces energy requirements

Your requirements - our solution

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 specifications. Summit Syngear Heavy Duty Series lubricants are designed to meet the requirements of Eaton and Rockwell differentials.

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	SYNGEAR 75W/90	SYNGEAR 75W/140	SYNGEAR 80W/140
Article number	340007	340317	340008
Density	0.868 g/cm ³	0.876 g/cm ³	0.879 g/cm ³
Flash point	204 °C	204 °C	204 °C
Kinematic viscosity, 100°C	14.1 mm ² /s	26.1 mm ² /s	31.9 mm ² /s
Kinematic viscosity, 40°C	90 mm ² /s	184 mm ² /s	283 mm ² /s
Viscosity index	160	177	150
Copper corrosion	1 - - corrosion degree	1 - - corrosion degree	1 - - corrosion degree
Pour point	-55 °C	-50 °C	-37 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months

Syngear® Heavy Duty Series

Synthetic gears/Heavy Duty



Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

Summit Lubrication a brand of Klüber Lubrication NA LP /
9010 County Road 2120, Tyler, TX 75707 /
Phone: +1 800 749 5823 / www.kls Summit.com

The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Klüber products are continually improved. Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

Publisher and Copyright: Klüber Lubrication NA LP. Reprints, total or in part, are permitted only prior consultation with Klüber Lubrication NA LP and if source is indicated and voucher copy is forwarded.