



GREASES

BRAVOIL™

Technical Data Sheet

ELPRIMO AX 100-SYN

PRODUCT DESCRIPTION:

ELPRIMO AX 100-Syn grease is a high-performance grease developed for use in the food processing industry. It is based on fully synthetic base oil with ELPRIMO AX 100-Syn thickener and performance additives. ELPRIMO AX 100-Syn grease has a strong affinity for metal and it is highly stable when operating with heavy loads at high temperatures. It has excellent sealing properties and it is ideal for lubricating bearings subjected to high temperatures and pressures. The operating temperature range is -40°C to 180°C.

APPLICATIONS

ELPRIMO AX 100-Syn grease is particularly effective for use in bearings that operate at high temperatures, such as those found in refrigeration facilities. It is specifically designed to provide exceptional adhesive and sealing properties, making it an excellent choice for bearings that require reliable lubrication in demanding conditions.

PRODUCT ADVANTAGES

- The operating temperature range is -40°C to 180°C
- Operates at extreme temperatures
- Excellent load-carrying capacity
- Good resistance against water
- Excellent adhesive and sealing properties
- Long-lasting lubrication

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE	
NLGI Grade	-	1	2
Thickener Type	-	Al-Complex Thickener	Al-Complex Thickener
Base Oil Type	-	Synthetic	Synthetic
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Ivory	Ivory
Work Penetration @25°C	ASTM D217	310-340	265-295
Dropping Point °C, Min	ASTM D2265	250	250
Four Ball Weld Load, Kgf, Min	ASTM D2596	250	250
Operating Temperature Range °C	INTERNAL	-40 to 180	
Base Oil Viscosity @40°C (Cst)	ASTM D445	100	100

DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.