



GREASES

BRAVOIL™

Technical Data Sheet

ELPRIMO LX 220-EP

PRODUCT DESCRIPTION:

ELPRIMO LX 220-EP grease is made from high viscosity index mineral oils and performance additives to enhance extreme pressure, anti-wear, anti-corrosion, and anti-oxidation properties. This grease is recommended for bearings operating under the load at high temperatures. This product is also suitable for use in applications such as continuous casting, quarries, breakers, roller conveyors, and automotive wheel bearings.

APPLICATIONS:

ELPRIMO LX 220-EP is recommended for bearings operating under the load at high temperatures. It is also suitable for use in applications such as continuous casting, quarries, breakers, roller conveyors, and automotive wheel bearings.

PRODUCT ADVANTAGES

- The operating temperature range is from -25°C to 140°C
- Excellent mechanical stability under vibrating conditions
- Excellent extreme pressure properties
- Excellent wear resistance
- High dropping point
- Good corrosion protection

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE		
NLGI Grade	-	1	2	3
Thickener Type	-	Lithium complex	Lithium complex	Lithium complex
Appearance	Visual	Smooth & Homogenous	Smooth & Homogenous	Smooth & Homogenous
Color	Visual	Blue / Red / Natural		
Work Penetration @25°C	ASTM D217	310-340	265 - 295	220 - 250
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b max.	1b max.	1b max.
Dropping Point °C, Min	ASTM D2265	240	240	240
Water Washout Resistance %Wt @79°C	ASTM D1264	max 5	max 5	max 5
Four Ball, Load Wear Scar, Mm	ASTM D2266	0.6	0.6	0.6
Four Ball Weld Load, Kgf, Min	ASTM D2596	250	250	250
Wheel Bearing Leakage After 6hrs @ 105°C, gm	ASTM D1263	max 8	max 8	max 8
Oil Separation, % 30hrs @100°C	ASTM D6184	max 5	max 5	max 5
Operating Temperature Range, °C	INTERNAL	-25 to 140		
Base Oil Viscosity @40°C (Cst)	ASTM 445	220	220	220

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.