



ATRIX LXEP 220

PRODUCT DESCRIPTION:

ATRIX LXEP 220 grease is formulated with high-viscosity index mineral oils and performance additives to enhance extreme pressure, anti-wear, anti-corrosion, and anti-oxidation properties. It is recommended for bearings operating under high loads and at elevated temperatures. This grease is also ideal for use in applications such as continuous casting, quarries, breakers, roller conveyors, and automotive wheel bearings, providing reliable protection and performance in demanding environments.

APPLICATIONS

ATRIX LXEP 220 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	-22 to 150		
Base Oil Viscosity @40°C (Cst)	ASTM 445	220	220	220

DISCLAIMER: The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: www.alphaoil.ae

HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. www.alphaoil.ae

PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.