



ATRIX LEP 220

PRODUCT DESCRIPTION:

ATRIX LEP 220 is a versatile, extreme-pressure grease formulated with a lithium 12-hydroxystearate soap thickener and high-quality mineral base oil. It is enriched with extreme pressure and other proven additives to enhance its performance across a wide range of applications. This grease is particularly recommended for steel mills, heavy-duty plain and rolling element bearings operating under severe conditions such as shock loading and wet environments. It is also ideal for gearbox applications requiring semi-fluid grease and for centralized chassis lubrication systems.

APPLICATIONS

ATRIX LEP 220 grease is specifically recommended for steel mill, heavy-duty plain and rolling element bearings operating under severe conditions including shock loading and wet environments, gear box application where semi fluid grease is required and for centralized chassis lubrication systems.

PRODUCT ADVANTAGES

- The operating temperature range is -20°C to 130°C
- Excellent anti-wear and extreme pressure properties
- Excellent mechanical stability
- Good resistance to water-washout
- Excellent oxidation stability

TYPICAL PROPERTIES:

PARAMETERS	TEST METHODS	TYPICAL VALUE		
NLGI Grade	-	00	0	1
Thickener Type	-	Lithium Soap	Lithium Soap	Lithium Soap
Appearance	Visual	Smooth & Homogenous		
Color	Visual	Yellow to Light Brown		
Base Oil	-	Mineral	Mineral	Mineral
Work Penetration @25°C	ASTM D217	400-430	355-385	310-340
Copper Strip Corrosion 24hrs @100°C	ASTM D4048	1b	1b	1b
Dropping Point °C, Min	ASTM D2265	N/A	190	190
Four Ball Weld Load Kg, Min	IP239	250	250	250
Four Ball Wear Scar Dia, mm, Max	ASTM D2266	0.6	0.6	0.6
Operating Temperature Range, °C	INTERNAL	-20 to 130		
Base Oil Viscosity @40°C (Cst)	ASTM D445	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.