

DUCKHAMS Galrex EP 220, 320 & 460 Gear Oils**PRODUCT DESCRIPTION**

Duckhams Galrex EP Gear Oils are a range of extreme pressure industrial gear oils blended from virgin mineral base oils with a balanced additive system which includes extreme pressure, anti-wear additives, corrosion and oxidation inhibitors. It is suitable for most types of industrial enclosed gear drives for both circulation and splash lubrication systems.

Developed using virgin high-quality base oils these products meet or exceed industry standards for DIN 51 517 part 3 (CLP) gear fluids. They qualify both the Tinken OK load & FZG Gear rig test.

FEATURES AND BENEFITS

- Excellent load-carrying capability protects gears against scuffing and extending component life, reducing maintenance costs.
- High thermal and oxidative stability reduces sludge and deposit formation, maintaining system cleanliness and supporting extended oil drain intervals.
- Provides effective rust and corrosion protection to all gearbox components
- Excellent water-shedding properties enable trouble-free operation in conditions encountering water/moisture, maintaining lubrication and extending component life.
- Anti-foam additives reduce the formation of foams and bubbles, within the gear oil, maintaining good lubricant film strength and ensuring adequate lubrication.
- Suitable for use heavy-duty industrial enclosed gears with splash, mist or circulating lubricating systems, operating under heavy or shock loading conditions which requiring extreme pressure performance.
- Can be used in a wide range of industrial gear types, including spur, helical, bevel and steel-on-steel worm gears, or journal and roller contact industrial bearings operating at low speeds and high loads.
- Typical application include chains, drive, sprockets, plain and rolling element bearings, slide guides and flexible couplings.

SPECIFICATIONS AND APPROVALS

Is suitable for use where gear oils meeting the following specifications are required;

AGMA 9005- E02, DIN 51517 part 3 2004-01, ISO 12925 -1 CKC/CKD, U.S. Steel 224.

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	Method	Typical Data		
ISO Viscosity Grade	-	-	220	320	460
Appearance	-	-	Clear	Clear	Clear
Density @ 15 °C	Kg/L	ASTM D1298	0.9008	0.9069	0.9084
Viscosity @ 100 °C	cSt	ASTM D445	19.2	24.89	32.23
Viscosity @ 40 °C	cSt	ASTM D445	223.84	327.89	476.53
Viscosity Index	-	ASTM D2270	97	98	99
Foaming Seq I	ml	ASTM D892	10/0	10/0	10/0
Foaming Seq II	ml	ASTM D892	20/0	20/0	20/0
Foaming Seq III	ml	ASTM D892	10/0	10/0	10/0
Flash Point (COC)	°C	ASTM D92	238	244	248
Pour Point	°C	ASTM D97	-9	-9	-9

Typical physical characteristics are provided as an indication of properties based on current production data only, and should not be construed as a specification. Acceptable variation may occur during the manufacturing process without affecting the performance of the lubricant. This data can change without notification. Current version of this data supersedes all previous versions.

HEALTH, SAFETY AND ENVIRONMENT

Based on available information this product is not expected to present a significant health and safety hazard when used in the recommended applications and in accordance with the recommendations in the Safety Data Sheet. Safety Data Sheet available on request through your sales agent, or from the internet. Avoid prolonged or repeated contact with engine oils. Wash skin thoroughly after contact.

Protect the environment. Dispose of product and packaging in accordance with local regulations.

STORAGE AND HANDLING

Packed lubricants should be stored under cover. Where outside storage of drums is unavoidable, they should be laid horizontal to avoid water ingress. Product should not be stored in direct sunlight or excessively high, or low, temperatures. Duckhams can provide professional advice on the storage of lubricants.