Q series
by HEXAGON

Product info

Q® Series by Hexagon
Q® Series is the exclusive product line designed and manufactured for Hexagon Europe under its strict quality and performance requirements.
All Q® Series products provide high performance characteristics and are uniquely & exclusively supported by Hexagon's unmatched after sales service and support in combination with HAP Hexagon Analysis Programme.

Q® Astro FXP

Description
Q® Astro FXP is a premium quality, heavy duty industrial gear lubricant, formulated with high VI mineral base oils, selected for their oxidation stability and water separating characteristics, and enriched with extreme pressure special additives. It contains sulphur-phosphorous additives which produce a superior gear lubricant with exceptional chemical and thermal stability for industrial gears operating under severe working conditions..



Applications
Q® Astro FXP is recommended for closed gear drives with both circulation and splash systems. It is also suitable for use in industrial closed gear sets operating under heavy or shock loads and high temperatures where a strong lubrication film is required. It is extremely resistant to micro-pitting and is especially recommended for Flender gear units.

Advantages

- Excellent protection from wear at increased operating loads.
- Excellent chemical and oxidation stability.
- High load carrying ability.
- Superior demulsifying and defoaming properties.
- Stronger lubrication film that reduces friction and lowers operating temperature.

Performance Level

- DIN 51517 PART III CLP
- ISO 12925-1 CKD
- AGMA 9005-E02
- DAVID BROWN ET 33/80
- Siemens revision 15 for FLENDER gear units.

Typical Characteristics

Q® Astro FXP by Hexagon	METHOD	100	150	460
Product Name		Q® Astro FXP		
Density at 20 °C, g/ml	ASTM D1298	0.893	896	903
Viscosity at 40° C, cSt	ASTM D445	100	150	460
Viscosity Index	ASTM D2270	98	96	96
Flash Point, (COC), °C	ASTM D92	222	234	240
Pour Point, °C	ASTM D97	-18	-15	-12
Four Ball Test LWI, min WP, kgf min	ASTM D2789	 250 45	 250 45	 250 45

Q® Astro FXP

Available Packages

Pail[20lt], Drum[208lt]
(For more available packages, please contact our sales department)

Health and Safety

Avoid prolonged or repeated contact of used lubricants with skin. In case of skin contact wash well. Used lubricants should be collected in special containers and disposed of in accordance to local legislation. For additional information please consult with the Material Safety Data Sheet (SDS).

About Hexagon Europe

Hexagon Europe was founded in Greece in 1989. It is the exclusive distributor and marketer of the following brands in various territories and countries:

- **Lubrication Engineers® (USA),** high-performance lubricants designed for heavy industries, the shipping industry, off-road and on-road vehicles and passenger cars,
- **Viper® WRL,** Wire Rope Lubricator (a unique system to lubricate and protect wire ropes of any size,
- **Spillaway® Projects**, bioremediation products that bioremediate oil spills of any kind from soil or the sea,
- **Delta-Xero®,** an innovative filtration systems manufacturer of most fluids and fuels, filters down to 1μm.
- **MAK Chem®,** with a complete line of chemical cleaning products,
- **Elix®** waterless hand-cleaning towels and other cleaning substances,
- **Fluitec® (USA),** a producer of varnish removal fluids,

- Hexagon Europe has also designed and manufactured **Q® Series by Hexagon®**, a unique high-quality line of lubricants, including EAL (Environmentally Acceptable Lubricants) and Stern Tube oils.
- **Q® Series by Hexagon®** are available globally.

Hexagon Europe is a reliable high-product and services supplier to most heavy industries, construction, food and shipping companies in its territories, with seven major warehouses strategically located globally.

Hexagon Europe offers the most advanced and sophisticated oil analysis programme, **HAP™ (Hexagon Analysis Programme™).** It is in partnership with Polaris®, offering unique oil analysis services and exclusively designed cloud software available to all its customers.

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