

CRUGEAR SERIES
CLOSED SYSTEM GEAR OILS

Product Definition

CRUGEAR Series are high quality closed system gear oils which have EP, antiwear, antioxidant and antifoam additives and work under severe conditions.

They were formulated to meet the needs of developing gear systems.

Due to their excellent formulation they prevent against corrosion and reduce wear. Also they are compatible with the sealing components that are used in gearboxes.

Application/Usage

Especially, they are suitable for gear systems operating under severe or shock loads. They have wide using area such as spur, helical and bevel gears operating up to 100°C.

Besides conveyors, extruders, dryers, fans, mixers, presses, cranes, elevators, paper pulp machines, pumps, crushers and industrial gears in the other heavy duty applications, they are also used in deck machinery and in marine applications such as propeller gear boxes and centrifuges.

They are also used to lubricate the sliding and rolling bearings operating under heavy loads and low speed.

Advantages/Benefits

- Reduce wear, thus increase the equipment performance by increasing production capacity.
- Do not damage the seals and gaskets.
- Protects against corrosion even when high Sulfur content diesel fuels are used.
- Contain special additives to prevent deposit formation and foaming.
- Long-lasting products due to their thermal Stability.
- Protect gears against rust and corrosion, even in the presence of water.

Product Package

208 Lt - 20Lt.

Storage

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	UNIT	68	100	150	220	320	460	TEST METHOD
AGMA Grade		2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	
Density 15°C		0.883	0.884	0.886	0.887	0.886	0.886	ASTM D-1298
Viscosity 40°C	mm ² /s	68	100	150	220	320	460	ASTM D-445
Viscosity 100°C	mm ² /s	8.8	11.4	15	19.3	24.5	31.2	ASTM D-445
Viscosity Index		101	100	100	99	98	98	ASTM D-2270
Flash Point	°C	236	250	264	278	278	279	ASTM D-92
Pour Point	°C	-32	-29	-26	-23	-22	-21	ASTM D-97
Copper Corrosion	3H,100 °C	1a	1a	1a	1a	1a	1a	ASTM D-130
Welding Load	kg	250	250	250	250	250	250	ASTM D-2783
Corrosion Test		Pass						ASTM D-665 B
Water Separability		40/37/3						ASTM D-1401

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."



PRODUCT DATA SHEET



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