



Product Data

Magna CTX WT C Range

Circulating Oil

Description

Castrol Magna™ CTX WT C Range are premium circulating oils formulated with high-quality base oils and advanced ashless anti-wear additives. These products form and maintain a stable and sufficiently thick oil film between rotating and stationary bearing components, ensuring complete separation of metal surfaces for lubrication, load-bearing, and protection.

Application

Magna CTX WT C are for use in general industrial bearings and circulating lubrication systems. For optimal performance, select the appropriate viscosity grade based on load, speed, and manufacturer recommendations. The oil can be used in circulating systems or oil-air lubrication systems and is also suitable for bearings in primary rolling mills and small rolling mills.

Advantages

- Advanced anti-wear additive formulation
- Excellent demulsibility
- Outstanding thermal and oxidation stability
- Minimal deposit formation
- Superior rust and corrosion protection

Typical Characteristics

Name	Method	Units	Magna CTX WT 150 C	Magna CTX WT 220 C	Magna CTX WT 320 C	Magna CTX WT 460 C
Density @ 20°C	GB/T 1884	kg/m ³	868	870	873	875
Kinematic Viscosity @ 40°C / 104°F	GB/T 265	mm ² /s	150	220	320	460
Kinematic Viscosity @ 100°C / 212°F	GB/T 265	mm ² /s	15.98	21.91	28.52	35.27
Viscosity Index	GB/T 1995	None	>100	>100	>100	>100
Pour Point	GB/T 3535	°C	-36	-24	-24	-18
Flash Point, COC	GB/T 3536	°C	264	266	266	266
Water Separation @ 82°C / 180°F (40/ 37/3)	GB/T 7305	min	20	15	20	25
Foam Sequence I - tendency / stability	ASTM D892	ml/ml	20/0	20/0	20/0	20/0
Foam Sequence II - tendency / stability	ISO 6247 / ASTM D892	ml/ml	20/0	20/0	20/0	20/0
Foam Sequence III - tendency / stability	GB/T 7304	ml/ml	20/0	20/0	20/0	20/0
Rust test - synthetic seawater (24 hrs)	ASTM D665B	Rating	No Rust	No Rust	No Rust	No Rust
Copper corrosion (3 hrs@100°C/ 212°F)	ASTM D130 / GB/T 5096	Rating	1b	1b	1b	1b
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Failure Load Stage	>11	>11	>11	>11

Subject to usual manufacturing tolerances.

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