

Product information

ATONAL 323 & 324

HEAT TRANSFER OILS

Description

Atonal Heat Transfer Oils are manufactured with high quality mineral oils and incorporate powerful oxidation inhibitors to ensure the necessary thermal stability for high working temperatures over long periods. These products contain additives to prevent rust and corrosion that can occur in systems that are vulnerable to condensation between operations. Anti-foam additives are also incorporated to encourage the release of entrained air and to collapse foam. This is vitally important as air bubbles or foam can reduce the effectiveness of the heat transfer system.

Atonal Heat Transfer Oils also contain a low temperature flow improver to ensure full circulation at temperatures down to -20°C .

Applications

Atonal 323 is recommended for all heat transfer systems operating continuously at temperatures up to 260°C , whereas Atonal 324 can be used in systems operating continuously up to 250°C . These grades are suitable for industrial closed systems, asphalt plants, low temperature open systems, oil filled radiators and heat shunts or wherever a mineral oil of this type has been recommended.

Physical Characteristics

Grade	Atonal 323	Atonal 324
ISO Viscosity Grade	100	32
Density at 15°C	0.888	0.872
Kinematic Viscosity at 100°C (cSt)	11.0	5.3
Kinematic Viscosity at 40°C (cSt)	99	31.0
Kinematic Viscosity at 20°C (cSt)	300	82
Viscosity Index	95	102
Flash PM OPEN $^{\circ}\text{C}$	260	225
Pour Point ($^{\circ}\text{C}$)	-30	-30



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