

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	323	324
ISO VG Grade	100	32
Appearance	Amber liquid	Amber liquid
Density @ 15°C	0.875	0.865
Viscosity @ 100°C (cSt)	12.5	5.7
Viscosity @ 40°C (cSt)	108.6	33.1
Viscosity @ 20°C (cSt)	353.5	87.5
Viscosity Index	110	115
Closed Flash Point ($^{\circ}\text{C}$)	230	210
Pour Point ($^{\circ}\text{C}$)	-30	-30

Figures based on average production values

Part. No.s: 323 ATO205,ATO025
 324 AHT205,AHT025

(TDS Atonal Range – 181215 Issue 3)

