

Description

SYNTECH FOOD HTS 274B High Temperature grease is based on synthetic high temperature ester base oil and is inhibited against oxidation to give a long wet film life at high temperatures. The highly polar molecules strongly adhere to the surface and withstand high temperatures, at the same time separating the moving parts due to its highly viscous lubricating film maintained at these high temperatures. **SYNTECH FOOD HTS 274B** is formulated for applications where MOSH, POSH and MOAH are prohibited.

Outstanding Features

- Long grease life at high temperatures, which provides maximum lubricant economy.
- Does not form hard carbon deposits.
- Excellent load and anti-wear properties (Anti-wear test at 50 kg for 2 hrs cf std test 40 for 1 hr).
- Solid lubricant providing excellent shock load protection.

Technical Data

Appearance	-	Pale Smooth Grease
Base Oil Viscosity @ 40 °C	-	220 cSt
Viscosity @ 100 °C	-	19 cSt
Viscosity Index	-	95
Pour Point	-	- 25 °C
Specific Gravity	-	0.98
Copper corrosion (IP 112)	-	Pass
Noack Weight Loss after 1 Hour at 250 °C	-	< 2.0 %
Shell 4 Ball (IP239)		
Scar Diameter 50 kg for 2 Hr	-	0.40 mm
Temperature Range	-	- 20 to 220 °C
	-	Up to 250 °C for short periods.
Flash Point (COC) °C min ASTM D92	-	300 °C
Auto ignition temperature ASTM D2155-66	-	> 350 °C

The content of this data sheet is given in good faith but without warranty.