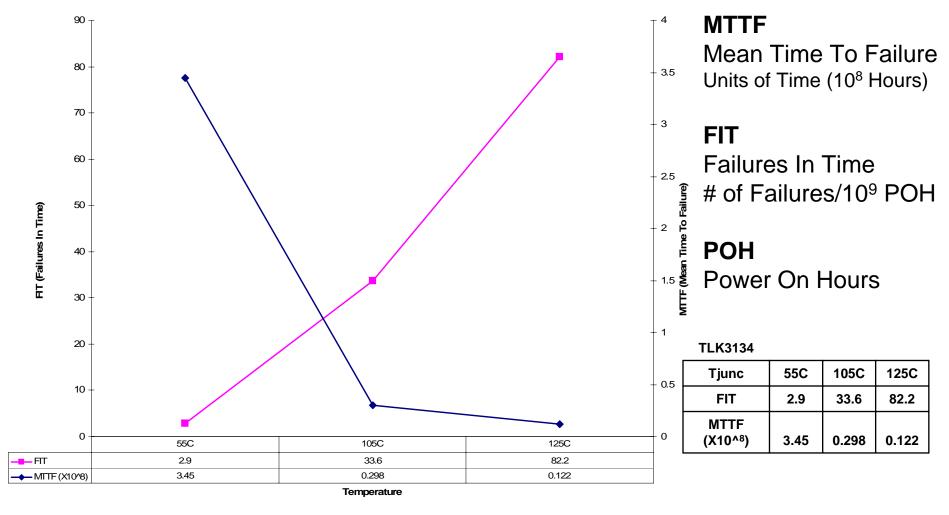
TLK3134 Operating Conditions

- TLK3134 maximum long term operating junction temperature is 105C
 - All datasheet electrical performance parameters are met
 - TI reliability requirements are also guaranteed (including FIT rate and MTTF). TI requirement is 100,000 POH (Power On Hours) at a FIT rate of 33 or less.
- TLK3134 maximum short term operating junction temperature between 105C and 125C:
 - All datasheet electrical performance parameters are met (timing closed with acceptable margin)
 - Device reliability is degraded from TI standardized reliability requirements, where the FIT rate becomes 82.2, with a MTTF of .122x10⁸ hours (please see graph on following page).



TLK3134 FIT & MTTF -vs- Junction Temp



Additional Junction temperature margin below 105C is not required for device reliability.

