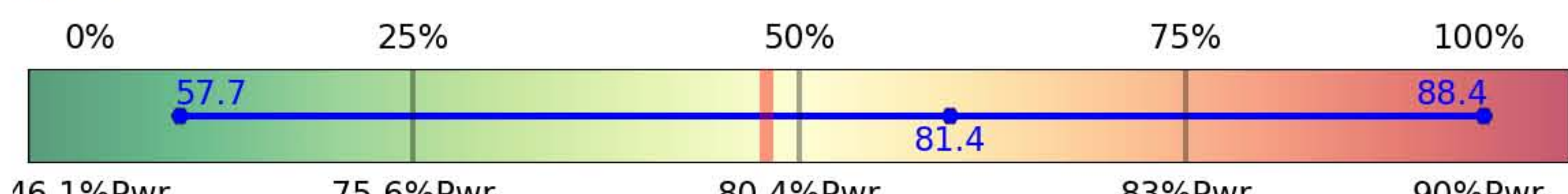


· 36 Bonanza · IO-550 (TN) · G1000

Includes 88 flights between Apr 18, 2015 and Apr 17, 2016, compared with 2713 flights by a cohort of 338 36 Bonanza aircraft.

Percent Power in Cruise

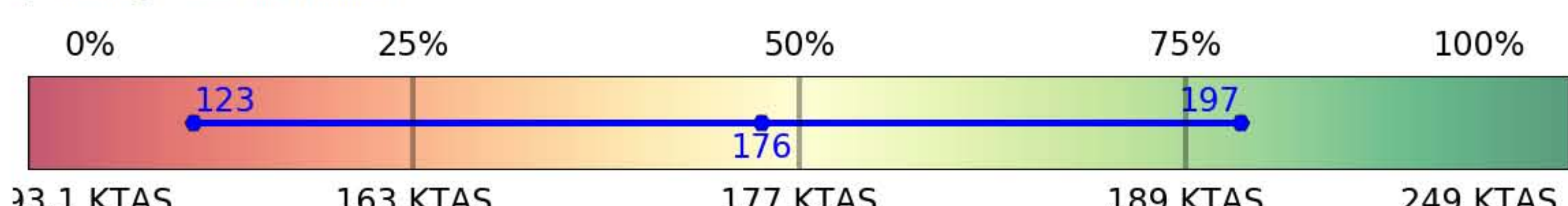
Description: Shows your engine's power output during cruise flight. High power output for extended periods can contribute to reduced fuel efficiency, elevated CHT and reduced cylinder life.



Savvy says: Your engine's power output during cruise flight is in the 59th percentile range of your cohort, which is about average.

Speed in Cruise (K.)

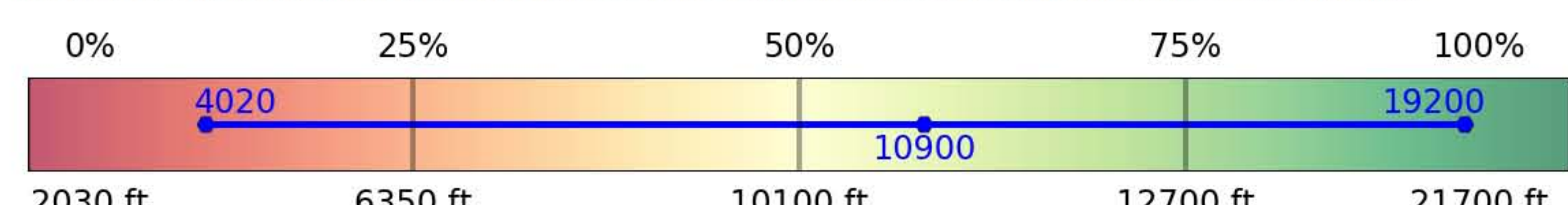
Description: We use TAS if available, otherwise ground speed. Higher speed might be due to high power output, resulting in high CHT and reduced cylinder life. Or possibly operation at higher, more efficient altitudes.



Savvy says: Your cruise speed is average when compared with your cohort.

Altitude in Cruise (MSL)

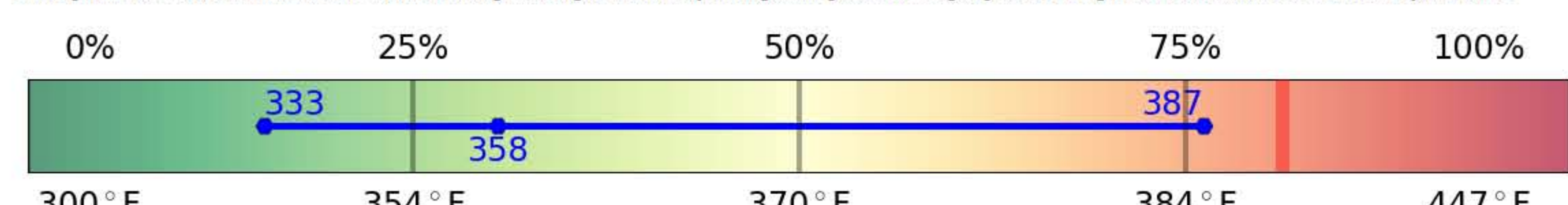
Description: Shows the altitude during the cruise phase of flight. For turbocharged aircraft, higher altitudes generally provide better performance and efficiency.



Savvy says: Your cruising altitudes tend to be at mid-levels, resulting in average fuel efficiency and performance.

Maximum CHT during Flight (deg. F.)

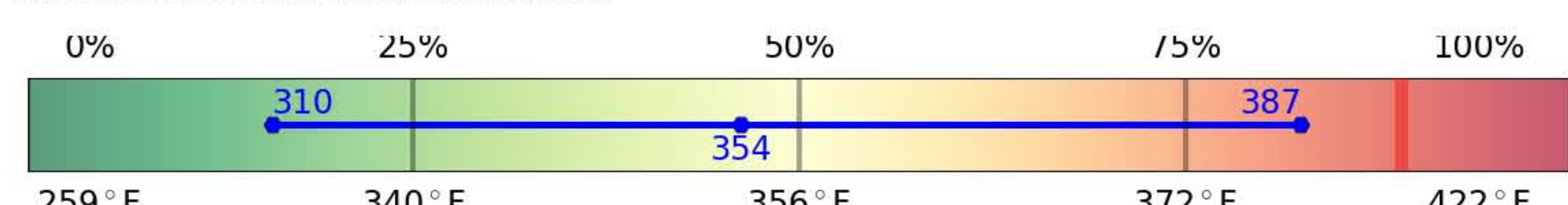
Description: Shows the maximum CHT attained during each flight, most likely during climb phase. Prolonged periods of high CHT can contribute to reduced cylinder life.



Savvy says: Not bad. Your maximum CHTs have been moderate, with a median in the 31th percentile range of the cohort. We think you can expect average longevity of your cylinders if you continue operating with your current power settings.

Maximum CHT in Cruise (deg. F.)

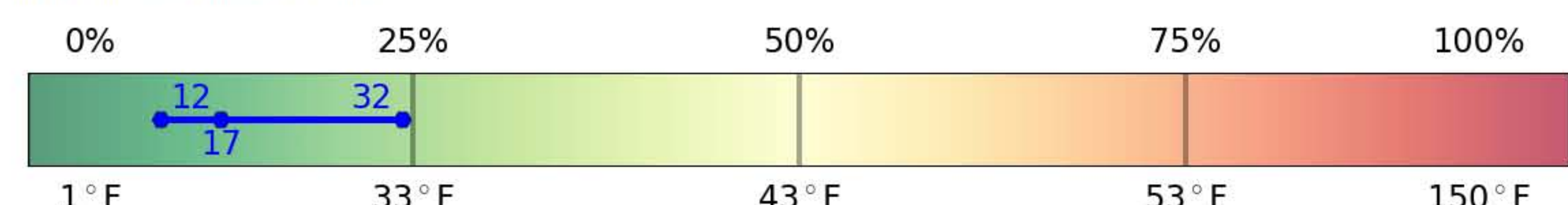
Description: Shows the maximum cylinder head temperature (CHT) during the cruise phase of flight, an indication of the stress placed on your engine's reciprocating components. High CHT correlates with reduced longevity of cylinder assemblies.



Savvy says: Not bad. Your cruise CHTs have been moderate, with a median in the 44th percentile range of the cohort. We think you can expect average longevity of your cylinders if you continue operating with your current leaning procedures and/or power settings.

Maximum CHT Spread in Cruise (deg. F.)

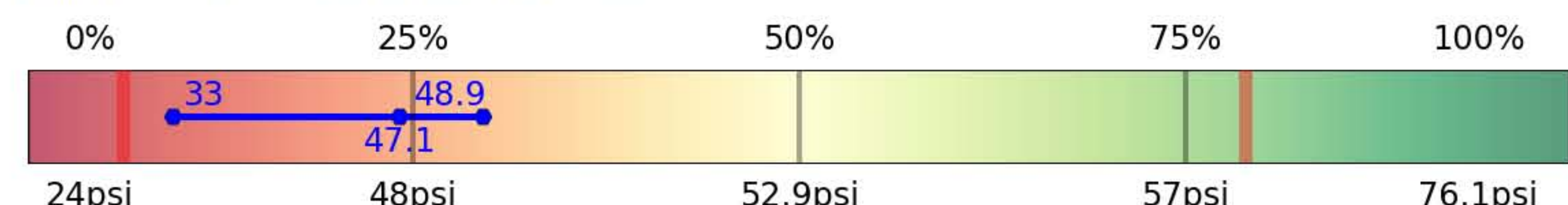
Description: Shows the temperature spread between your hottest and coolest cylinders at maximum CHT during cruise. The spread is an indication of mixture distribution and the adequacy of cooling airflow to all cylinders.



Savvy says: The median value of maximum CHT spread is in the 3th percentile range of the cohort.

Oil Pressure in Cruise (psi)

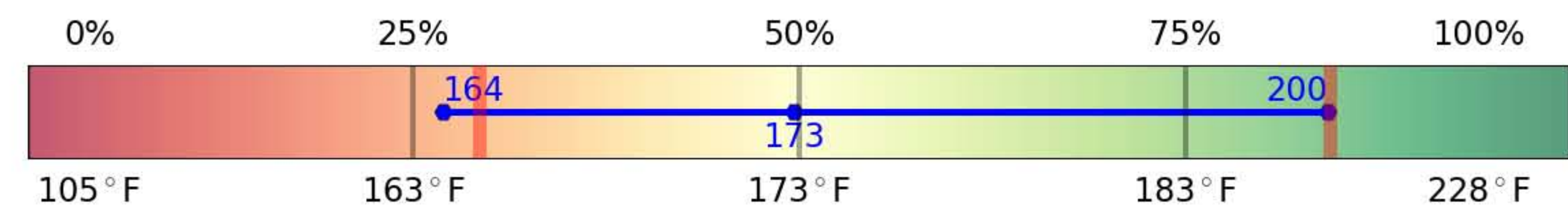
Description: Shows the average oil pressures during cruise for your flights.



Savvy says: Your average oil pressures during cruise have a median value in the 20th percentile range of the cohort. Your oil pressures are in the normal range.

Oil Temperature in Cruise

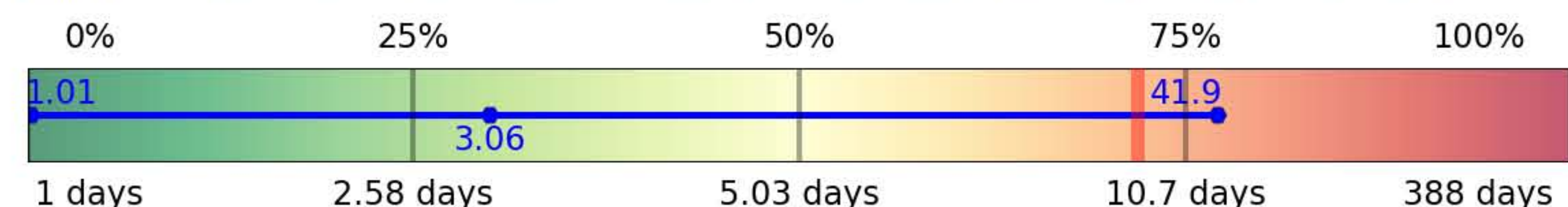
Description: Shows average oil temperature during cruise.



Savvy says: Your average oil temperatures during cruise are higher than 50% of the cohort. Your oil temperatures are in the normal range.

Inactivity Periods (days)

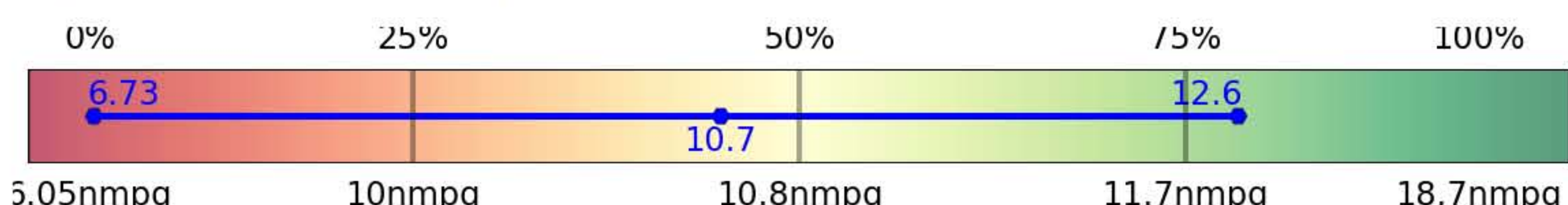
Description: Shows the number of days your aircraft was inactive between flights. Inactivity can contribute to engine corrosion and reduced life of engine components.



Savvy says: Your engine's inactivity is about average when compared to your cohort. Savvy recommends continuing to fly as frequently as possible.

Fuel Efficiency (nm per gal.)

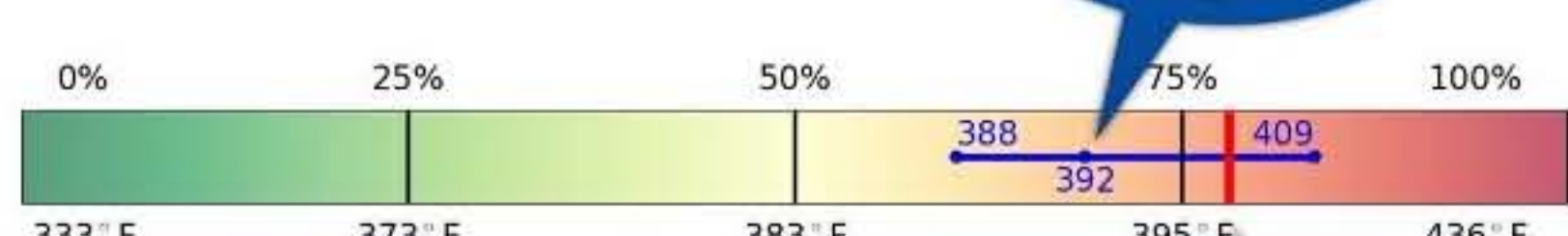
Description: Shows your aircraft's fuel efficiency during cruise flight.



Savvy says: Your aircraft's fuel efficiency is average when compared to your cohort.

Interpreting these Report Card "thermometers"

How do the maximum CHT's for your aircraft's flights compare with the "cohort" of other aircraft of the same make and model?



25% quartile value of max CHT for your cohort's aircraft (25% had lower max CHT's)

Median value of max CHT for your cohort's aircraft (50% were lower)

Savvy's redline CHT!

Lowest, median and highest max CHT for your aircraft's flights