



Notes:

◆ NETL, 2009    ■ Jacobs, 2009    ▲ TIAX, 2009

- 1) In this chart, all emissions are per megajoule (MJ) of reformulated gasoline with the exception of NETL 2009, which is per MJ of conventional gasoline.
- 2) "Venezuela Conventional" is used as the NETL reference crude for Venezuela Bachaquero in this analysis; this is a medium crude, not a heavy crude; thus, the NETL values are compared against a lighter Venezuelan reference crude than other studies.
- 3) The percent differentials refer to results for scenarios from the various studies and are calculated using the oil sands results relative to the corresponding study's reference crude.