

Fig. 13 Another unique feature is that partly healed thin-film tension cracks often appear in stones that have undergone heat and pressure treatment (magnified 20x).

Photo by Hyunmin Choi

另一個獨特的特徵是經過加熱加壓處理的寶石（放大20倍）經常出現部分癒合的張力裂紋薄膜。

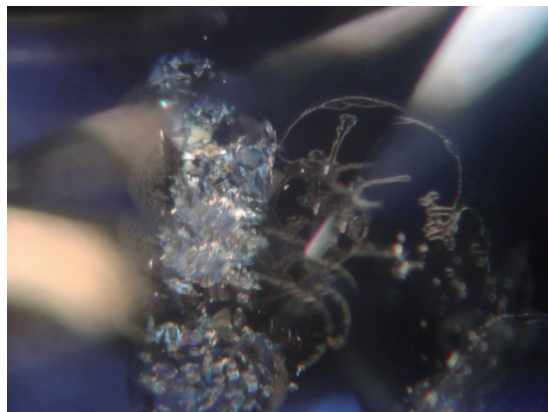


Fig. 14 Partially healed thin-film tension cracks are sometimes observed along with irregular tension fractures around the negative crystals (magnified 30x). *Photo by Hyunmin Choi*
部分癒合的薄膜張力裂紋及負晶體周圍的不規則張力斷裂（放大30倍）。



Fig. 15 An 8.09cts sapphire before (left) and after heat and pressure treatment (right). It is noteworthy that formerly partially healed fissures tend to have healed completely after this treatment (magnified 25x). *Photo by N. Atsawatanapirom*

經加熱加壓處理前（左）和後（右）後的8.09cts藍寶石。值得注意的是，其部分裂隙在處理後趨向完全癒合（放大25倍）。

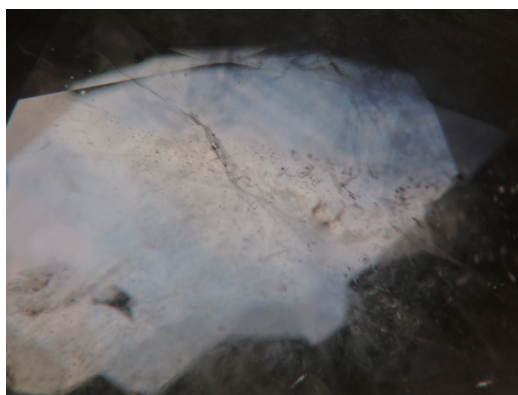


Fig. 16 Changes to colour banding and zoning are not clear after heat and pressure treatment (magnified 15x).

Photo by Youngsoo Chung

經加熱加壓處理後的斯里蘭卡藍寶石的色帶和顏色分區變得模糊不清（放大15倍）。

certainly less visible after heat and pressure treatment. Pronounced colour bands and zoning usually also became less prominent (Fig. 16). However, the stones often showed an obviously

corroded surface after treatment and graphite residues were commonly seen at un-polished girdles and in the cavities even after re-polishing (Fig. 17).