

**Finiteness conditions and a Frattini-like  
subgroup in locally nilpotent groups**

V. WALTER

**Abstract**

In this note we consider Tomkinson's Frattini-like subgroup,  $\mu(G)$ , and show that for finite extensions of locally nilpotent groups, certain finiteness conditions on  $G/\mu(G)$  can be transferred to  $G$ .