Weepage vs. Leakage
Leakage is apparent when most of the shock/strut appears wet and oily or where fluid is found dripping off the shock/strut. When leakage is diagnosed, shock/strut replacement is required.

Leaking Fluid Doesn’t Necessarily Mean Shock or Strut Failure
Noticing oil on the outside of the shock/strut doesn’t mean the product has failed. The inside of the shock/strut has a piston and hydraulic fluid. Every day, the vehicle is traversing over bumps, potholes and rough road conditions, forcing the piston against the hydraulic fluid. This fluid can seep out of the shock/strut. A minimal amount is identified as “weepage” and doesn’t require shock/strut replacement. These small amounts are highly acceptable and are the result of fluid that is clinging to the rod and pulled past the oil seal on the extension stroke.

Inspection Procedure to Determine Weepage or Leakage
Here are some examples to help determine the shock/strut’s weepage or leakage diagnosis.

Examples of Weepage

Shock Absorbers
Coil-Over Shock Absorbers
Struts

Oil found on units 1 and 2 reflect weepage and do not require replacement. Units 3 and 4 reflect leakage and require replacement.

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