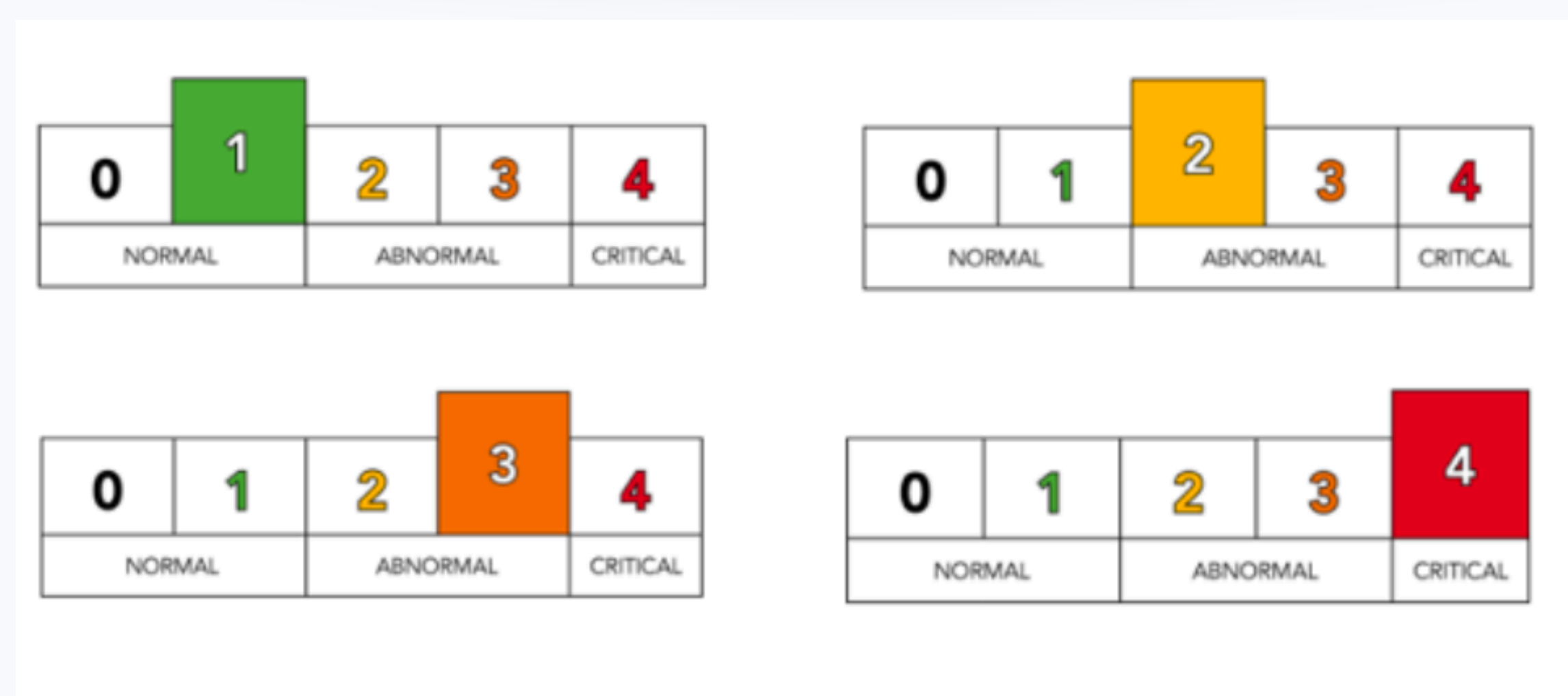


A 5-digit severity sliding scale is designated by the data analyst reviewing the report and are based on multiple inputs; from statistical flagging templates, OEM wear limits and fluid OEM limits, to the commentary with suggested maintenance actions. The full severity code ranges from 0 (normal) to 4 (critical).

The normal range is expanded to include 0 to 1 and the abnormal range from 2 to 3. The mid-range expansion allows for a broader view of oil and machine condition rate of change compared with a narrow mid-range view which may lead to missed opportunities to correct oil degradation or extend oil drain intervals.

The goal is to be more proactive at the mid-range expansion to prevent going into critical severity resulting in a failure.



Severity Scale Interpretation

The severity index with corresponding color codes are highlighted in the corresponding reported oil parameters.

<div>0</div> NORMAL	<p>All test parameters including wear metals are within normal limits.</p>
<div>1</div> NORMAL	<p>Test parameters and wear metals are within normal limits but one or more are slightly out of limits but not yet abnormal. Continue to monitor for changes in upward trends with wear and changes with the fluid properties.</p> <p>In the Data Analyst comments, language used for severity 1 is MINOR</p>
<div>2</div> ABNORMAL	<p>Test parameters and wear metals are within lower levels of abnormal limits with one or more that are increasingly out of limits. This level of severity brings the oil and equipment into a state of closer monitoring for wear, contamination and/or changes with the fluid properties.</p> <p>In the Data Analyst comments, language used for severity 2 is MODERATE</p>
<div>3</div> ABNORMAL	<p>Test parameters and wear metals are within higher levels of abnormal limits with several or more that are increasingly out of limits. This level of severity brings the oil and equipment into a higher state of closer monitoring and suggested maintenance action(s).</p> <p>In the Data Analyst comments, language used for severity 3 is SIGNIFICANT</p>
<div>4</div> CRITICAL	<p>Test parameters and wear metals are within much higher levels of abnormal limits with several or more that are increasingly out of limits. This level of severity brings the oil and equipment into a highest state of monitoring and suggested maintenance action(s).</p> <p>In the Data Analyst comments, language used for severity 4 is SEVERE</p>