

# VLS Risk Matrix

		Physical Characteristics <i>Lubricant performance under standard operating conditions</i>		
		Low	Medium	High
<b>Technical Specification -</b> <i>Lubricant specification as claimed in the Technical Data Sheet</i>	<b>High</b> <i>Specification fails to meet the performance requirement in the expected operating conditions and poses severe risk to operational machinery</i>	<i>Prolonged use poses significant performance risk to operational machinery over an extended period</i> <b>Specification inaccurately describes the performance characteristic of the lubricant</b>	<i>Use of the lubricant poses significant performance risk to operational machinery over time</i> <b>Unsupported or unevidenced OEM approvals</b>	<i>Use of the lubricant poses immediate and severe performance threat to operational machinery</i> <b>Short-term risk - severe performance issues lubricant unable to effectively function - immediate impact on mechanical wear to gears and bearings (ie solid lubricant at cold temperature)</b>
	<b>Medium</b> <i>Specification fails to meet the performance requirement in the expected operational conditions and poses significant risk to operational machinery</i>	<b>Lubricant does not meet performance standard across some performance criteria</b>	<b>Mutually exclusive industry standard specification classes claimed for a single product ,(ie ACEA B3/B4 C3)</b>	<b>Medium-Term risk - Lubricant fails to meet industry standard performance specification with medium-term risk to engine wear over an extended period (ie lubricant fails Brookfield)</b>
	<b>Low</b> <i>Specification partially meets performance requirement in the expected operational conditions and poses significant risk to operational machinery over an extended period</i>	<b>Current ACEA year date markers quoted in the Technical Data Sheet</b>	<b>Previous ACEA sequences quoted in Technical Data Sheet</b>	<b>Long-term risk - extended use of the lubricant leads to long-term accelerated wear and risk of failure over time</b>