

Title	Select and apply a lubricant and sealant for a motorcycle or all-terrain vehicle application		
Level	2	Credits	2

Purpose	<p>This unit standard is intended for people in the motorcycle repair industry.</p> <p>People credited with this unit standard are able to select and apply a lubricant and sealant for a motorcycle or all-terrain vehicle (ATV) application.</p>
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Classification	Motor Industry > Automotive Preventive Maintenance
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Available grade	Achieved
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Guidance Information

- 1 It is recommended that people hold credit for Unit 30478, *Demonstrate knowledge of automotive lubricants* before being assessed against this unit standard.
- 2 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 3 Performance of the outcomes of this unit standard must comply with the following: Health and Safety at Work Act 2015.
- 4 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 5 Definitions

Company requirements refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.

Service information refers to technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.

Outcomes and performance criteria

Outcome 1

Select and apply a lubricant for a motorcycle or ATV application.

Performance criteria

- 1.1 A specific motorcycle graded and branded lubricant is selected that matches the motorcycle or ATV manufacturer specifications.
- Range two stroke engine oil, engine and transmission (including clutch) oil, final drive oil, grease, chain lube; types – mineral, semi-synthetic, synthetic, additives and modifiers.
- 1.2 Servicing requirements for running-in oils is met.
- 1.3 Oil is drained from the motorcycle or ATV and visually inspected for contamination.
- 1.4 Oil filtration servicing requirements are met.
- 1.5 The lubricant is applied in a manner and quantity that enables it to perform its proper function without any adverse effects.
- Range includes calculating and mixing fuel-oil ratios for two stroke engine oil.

Outcome 2

Select and apply a sealant for a motorcycle or ATV application.

Performance criteria

- 2.1 The surfaces to be sealed are prepared.
- 2.2 The sealant is applied in a manner and quantity that enables it to perform its proper function without any adverse effects.
- 2.3 The sealant is cured.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	20 March 2008	31 December 2022
Review	2	29 April 2021	N/A

Consent and Moderation Requirements (CMR) reference	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.