



# PRODUCT DATA SHEET

## PROTECH 15W-50 4T SYNTHETIC WITH ESTER

ESTER MIX

**SEMI SYNTHETIC GRADE** *New Improved Formula with Ultimate Grade Additives*

### Product description

TOYO-G PROTECH 15W-50 is an ultimate grade, four stroke semi-synthetic engine oil (with ester) specially developed for bigger cc motorbikes that travel longer distances. It is also recommended to apply into scooter type motorbikes.

Selected with ultimate grade additives so as to ensure high performance engine is being protected in an extreme riding conditions, it provides excellent protection against oxidation, gear micro-pitting and can enjoy better clutch performance during long journey.

### Product Specification & Performance

SAE 15W-50      API SM      JASO MA, MA2

Applicable for all kind of four stroke motorbikes

## Benefits

- ✓ Thermally stable detergent system for enhanced engine cleanliness and better catalyst durability
- ✓ Smoother engine performance
- ✓ Better clutch friction durability
- ✓ Able to provide better protection for engine, clutch and gear lubrication
- ✓ With JASO MA2 technology, it provides a satisfactory clutch performance
- ✓ Built-in corrosion resistance

## Typical Specifications

	Grade	Test Method	Spec
	API Gravity	ASTM D-1298	0.848
	Kinematic Viscosity at		
	40°C cSt	ASTM D-445	126.63
	100°C cSt	ASTM D-445	17.26
	Viscosity Index	ASTM D-2270	149
	Flash Point min °C	ASTM D-92	208
	Pour Point °C	ASTM D-97	-25
	Total Base Number mgKOH/g		7.8

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.





# PRODUCT DATA SHEET

## PROTECH 15W-50 4T SYNTHETIC WITH ESTER

ESTER MIX

Other Information

### Safety Data Sheet

Safety data sheet can be requested via website [www.toyointernational.com](http://www.toyointernational.com) or you may also can get them from your local agent / supplier.

SDS Number: LP14-05

### Storage and Handling

This product shall be ideally stored in a cool, dry location in unopened containers. Suggested temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled.

Stirring is recommended in order to prevent ingredients from separating.

### Shelf Life

With good practicing on storage, the minimum shelf life from the batch number approx. 5 years or 60 months

Condition of the product must in the unopened original container

Available Packing Sizes	Part Number	Packing Type
Bottle 1 liter	8696L-0731	12 pcs per box
Bottle 4 liter	8696L-1339	4 pcs per box
Pail 18 liter	8696L-1115	
Drum 209 liter	8696L-1340	

Updated 15.09.2022

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.

# TOYO-G