



## Performance Bio SW PBL Range

Bio-based Slide Way Lubricant

### Description

Castrol Performance Bio SW PBL Range (Previously called Performance Biolubes BioWay 46 and Performance Biolubes BioWay 68) are premium slide way lubricants formulated for lubricating machine tool ways, slides and guides. They are formulated with optimized plant-based oils and select friction-reducing additives to provide excellent lubricity and extreme pressure properties.

### Application

Recommended for ways and other sliding surfaces of machine tools such as grinders, milling machines, planers, and saw guides. For use on all flat or V-shaped surfaces. Recommended for both vertical and horizontal ways.

### Advantages

- Bio-based formulation
- Exceptional load carrying and anti-wear properties protect ways and guides
- Low stick-slip properties provide smooth operation and accurate work even at slow speeds
- Good adhesion improves non-drip characteristics and reduces run off and dripping in vertical ways.
- Reduces oil loss
- Higher flash point than petroleum-based way lubricants - safer to store and operate

## Typical Characteristics

Name	Method	Units	SW 46 PBL	SW 68 PBL
Appearance	Visual	-	Light Yellow Liquid	Light Yellow Liquid
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm <sup>2</sup> /s	46	68
Specific Gravity @ 15.6°C / 59°F	ASTM D1298 / ISO 3675	-	0.92	0.93
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	291 / 556	304 / 579

Subject to usual manufacturing tolerances.

**These products were previously called Performance Biolubes BioWay 68 and Performance Biolubes BioWay 46. The names were changed in 2015.**

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