

# Signature® Waylube Oils

## Product Data Sheet



**Product Description and Benefits:** Signature® Waylube Oils 32, 46, 68, 100, and 220 are designed for lubricating slide ways of machine tools and can be used in other applications requiring a non-corrosive product with good extreme-pressure properties.

Signature® Waylube Oils impart excellent lubricity and surface finishes as well as any necessary friction modification required.

Signature® Waylube Oils have good water separation properties and contain rust and oxidation inhibitors. They also contain a tackifier additive which maintains the oil in contact with the metal surface longer than other products, increasing the level of protection.

Always follow manufacturer's recommendations.

### Typical Properties:

| ISO Viscosity Grade                           | 32   | 46   | 68   | 100   | 220   |
|---|------|------|------|-------|-------|
| AGMA Number Reference                         | 0    | 1    | 2    | 3     | 5     |
| Kinematic Viscosity @ 40°C, cSt (ASTM D-445)  | 32.5 | 45.5 | 67.6 | 101.8 | 220.9 |
| Kinematic Viscosity @ 100°C, cSt (ASTM D-445) | 5.3  | 6.6  | 8.5  | 11.2  | 18.8  |
| Flash, COC, F                                 | 385  | 390  | 395  | 410   | 455   |
| Viscosity Index (ASTM D-2270)                 | 95   | 95   | 95   | 95    | 95    |
| Pour Pt, Deg F                                | -10  | -5   | -5   | 0     | 5     |
| Pour Pt, Deg C                                | -23  | -21  | -21  | -18   | -15   |
| Gravity, API @60 F                            | 31   | 30   | 29   | 28    | 26    |

The values shown are typical of current production. Some are controlled in the manufacturing process, while other are not. All of them may vary within tolerable ranges.

Industrial Way Lubricants are products formulated for lubricating the ways of various types of machine tools. They are blended from paraffin base stocks and have been compounded with additives to impart outstanding lubricity and extreme pressure properties. Way lubricants exhibit the high film strength that allows a build-up of heavy oil film to reduce wear and contribute to accurate system component positioning. The lubricant contains a tackifier that prevents fluid from draining away from lubricated surfaces and minimizes fluid extraction between heavily loaded ways. The tackiness may also reduce lubricant wash out by emulsifiable cutting fluids.

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

**APPLICATIONS:**

Way lubricants are manufactured for the sliding ways of machine tool systems that include planers, grinders, horizontal boring machines, shapers, and various milling machines. Way lubricants ISO Grades 68 and 100 are recommended for most machine tools with horizontal slideways in light to moderate applications. The ISO 220 Grade is suggested for those severe applications requiring a high viscosity lubricant; particularly for machines with vertical slideways.

Product (s) manufactured in the USA.

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