

PURUS® WAY OILS

Manufactured with highly refined base oils

DESCRIPTION: PURUS® Way Oils are designed for lubricating the ways of all types of machine tools and other applications where a tacky, high film strength, extreme pressure properties are required. PURUS® Way Oils are blended from highly refined base oils and have been fortified with select additives and adhesive agents to impart excellent lubricity and extreme pressure properties. A high lubricity character helps to reduce friction and drag that can cause “stick-slip” problems and machine tool carriage chatter. The extreme pressure additives and the high film strength of the PURUS® Way Oils effectively control wear and galling of system components. This is achieved by exhibiting high film strength while a special tackifier prevents the fluid from draining away from the lubricated surface and minimizes squeeze out on heavily loaded ways. Suitable for use in applications calling for the former Fives Cincinnati P-50 (220) and P-47 (68) and P-53 (32) specifications (obsolete) and all types of machine tool slideways. Machine tools include lathes, planers, shapers, drilling machines, milling machines and screw machines.

**PERFORMANCE
BENEFITS:**

- Strong adhesive properties
- Good extreme pressure and anti-wear protection
- Designed for machine tools with a common system for hydraulics and way lubrication
- Excellent for machinery with separate systems for ways and hydraulics where one oil is desirable for both systems
- Excellent frictional characteristics
- High film strength
- Smooth machine tool operations
- Good corrosion protection

**TYPICAL
PROPERTIES*:**

ISO VS Grade	32	68	220
API Gravity	30.51	28.64	26.6
Viscosity			
@ 40° C cSt	32	68	220
@ 100° C cSt	5.4	8.7	18.4
@ 100° F SUS	150.5	315.5	1019.7
@ 210° F SUS	151.5	317.6	N/A
Viscosity Index	103	101	96
Pour Point	-12° C	-9° C	-3° C

*Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly. Minor variations in product typical test data are to be expected in normal manufacturing



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