



Powers-All Combo Oil

DESCRIPTION: Powers-All Combo Oil are high quality lubricants designed for machines that utilize a combine hydraulic and slideway lubrication system. It has been uniquely formulated with a proprietary, noncorrosive additive system designed to enhance the essential property of adhesion and reduce stick-slip in horizontal and vertical way surfaces. Powers-All Combo Oil offers excellent frictional properties, very good slideway adhesion and excellent anti-wear performance often found in slideways, hydraulic systems, gearboxes and other machine components.

- BENEFITS:**
- Excellent water separation
 - Reduction of friction and wear
 - Exceptional rust, corrosion, and wear protection
 - Lighter color to provide good visibility of slideways

Applications: Powers-All Combo Oils are recommended for slides and ways of planers, grinders, mills, lathes, screw machines, drilling machines, boring machines, and other tools and machines. Powers-All Combo Oil may also be applied to the bearings and gears of other machinery that require additional anti-wear protection.

Typical Properties:

Powers-All Combo Oils

ISO Viscosity Grade		32	68	220
Product Code	Test Method	PA336480	PA336482	PA336484
Viscosity, cSt @ 40°C	ASTM D-445	32.0	68.0	220.0
Viscosity, cSt @ 100°C	ASTM D-445	5.3	8.6	18.5
Viscosity Index	ASTM D-2270	96	97	93
Pour Point, °C	ASTM D-97	-12	-6	-6
Flash Point, COC, °F	ASTM D-92	420	450	500
Copper Corrosion	ASTM D-130	1b	1b	1b
Rust Test, A	ASTM D-665	Pass	Pass	Pass

**Note: Values shown are typical only and do not constitute a specification. Minor variations in product are to be expected in normal manufacturing. Always confirm with the original manufacturer's recommendation for proper equipment operating requirements.*

