Aluminum (Al)	Antimony (Sb)	Barium (Ba)	Beryllium (Be)	Boron (B)	Cadmium (Cd)
Wear Metals: Abrasives: Bearings Alumina Blocks Bauxite Blowers Catalyst Bushings Coal Clutches Fly Ash Cylinders Foundry Dust Housings Grease Thickener Pump Bushings Paint Motor Housing Rotors Thrust Bearings Thrust Washers	<ul> <li>Alloy Steel</li> <li>Ceramic Products</li> <li>Paint</li> </ul>	<ul> <li>Fuel Additive</li> <li>Grease Thickener</li> <li>Oil Additive: Detergent</li> </ul>	□ Alloy Steel	<ul> <li>Coolant Inhibitor</li> <li>Oil Additive         <ul> <li>Anti Wear</li> <li>Detergent</li> <li>Extreme Pressure</li> </ul> </li> <li>Oil Drum Cleaning</li> <li>Water Treatment</li> </ul>	□ Journal Bearings □ Plating
Calcium (Ca)	Chromium (Cr)	Copper (Cu)	Iron (Fe)	Lead (Pb)	Magnesium (Mg)
<ul> <li>Cement Dust</li> <li>Fuller's Earth</li> <li>Grease Thickener</li> <li>Gypsum</li> <li>Hard Water</li> <li>Lignite</li> <li>Limestone</li> <li>Mining Dust</li> <li>Oil Additive: <i>Detergent, Rust Inhibitor</i></li> <li>Road Dust</li> <li>Rubber</li> <li>Salt Water</li> <li>Slag</li> </ul>	Wear Metals Exhaust Valves Liners Low Alloy Steel Oil Coolers Rings Rods Rods Roller/Taper Bearings Stainless Steel Water Treatment Other Chemicals Paint	Wear Metals:       Oil Pumps         Babbitt Bearings       Pump Pistons         (underlay)       & Thrust Plates         Bearing Cage       Steering Discs         Brass       Valve Train         Bronze       Bushings         Cam Bushings       Wear Plates         Clutches       Wrist Pin         Governor       Bushings         Guides       Oil Additive         Oil Cooler       Point	Wear Metals: Bearings Hydraulic Pump Blocks Vanes Brake Bands Gears Camshaft Pistons Cast Iron Liners Crankshafts Oil Pump Cylinders PTO Discs Rings Gears Screws Housing Shafts	Wear Metals: Babbitt Journal Bearing Overlay Bronze alloy Solder Gasoline Additive Paint Road Dust o Balancing Weights	<ul> <li>Turbine Metallurgy</li> <li>Hard Water</li> <li>Oil Additive: Detergent</li> <li>Road Dust</li> <li>Seawater</li> <li>Fuller's Earth</li> </ul>
Molybdenum (Mo)	Nickel (Ni)	Phosphorous (P)	Potassium (K)	Silicon (Si)	Silver (Ag)
Wear Metals: Alloy Steel Rings Oil Additive: Extreme Pressure	Wear Metals:	<ul> <li>Oil Additive,</li> <li>Anti Wear</li> <li>Extreme Pressure</li> <li>Cleaning Detergent</li> </ul>	<ul> <li>Coolant Inhibitor</li> <li>Fly Ash</li> <li>Fuel Element</li> <li>Granite</li> <li>Paper Mill Dust</li> <li>Road Dust</li> </ul>	<ul> <li>Alloy Steel</li> <li>Asbestos Synthetic Lubricant</li> <li>Cement Dust Slag</li> <li>Fly Ash Sealant</li> <li>Coolant Additive</li> <li>Glass</li> <li>Granite</li> <li>Grease</li> <li>Limestone</li> <li>Oil Additive Antifoam</li> <li>Road Dust</li> </ul>	Wear Metals: Bearing Overlay Needle Bearings Oil Coolers (Solder) Wrist Pin Bushings (EMD Engines)
Sodium (Na)	Tin (Sn)	Titanium (Ti)	Vanadium (V)	Zinc (Zn)	
<ul> <li>Activated Alumina</li> <li>Coolant Inhibitor</li> <li>Dirt</li> <li>Fly Ash</li> <li>Grease</li> <li>Oil Additives</li> <li>Paper Mill Dust</li> <li>Road Salt</li> </ul>	Wear Metals: Bearing Cage Babbitt Bearing Flashing Piston Overlay Solder	□ Gas Turbine Bearings □ Turbine Blades ● Paint	<ul> <li>Turbine Blades</li> <li>Valves</li> <li>Bunker Oil</li> </ul>	<ul> <li>Brass</li> <li>Plating</li> <li>Cathodic Protection</li> <li>Galvanizing</li> <li>Grease</li> <li>Oil Additive, Antiwear</li> </ul>	