**Forces, Fluids and Density Terminology**

Use pictures, keywords, definitions, and/or examples to help you further understand the following terms. Use the textbook glossary or internet.

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| **Particle Theory of Matter** |  |
| **Fluid** |  |
| **Viscosity**  |  |
| **Density** |  |
| **Weight** |  |
| **Mass** |  |

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| **Volume**  |  |
| **Displacement Method** |  |
| **Buoyancy**  |  |
| **Force**  |  |
| **Floating** |  |
| **Balanced forces**  |  |



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| **Gravitational force** |  |
| **Buoyant force** |  |
| **Newton (N)** |  |
| **Personal Floatation Device (PFD)** |  |
| **Archimedes’ Principle** |  |
| **Swim bladder** |  |



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| **Ballast tanks** |  |
| **Plimsoll line** |  |
| **Contact force** |  |
| **Non-contact force** |  |
| **Hydraulic**  |  |
| **Pneumatic**  |  |

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| **Pressure**  |  |
| **Compressibility**  |  |
| **Compression** |  |
| **Incompressible**  |  |
| **Pascal’s law**  |  |
| **Hydraulic systems** |  |



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| **Hydraulic fluid** |  |
| **Input device** |  |
| **Output device** |  |
| **Mechanical advantage** |  |
| **Pump**  |  |
| **Closed hydraulic systems** |  |

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| **Open hydraulic systems** |  |
| **Pneumatic systems** |  |
| **Compressor**  |  |
| **\*\*Extra\*\*****Convention tillage** |  |
| **\*\*Extra\*\* (pg. 258)****Conservation tillage** |  |
| **\*\*Extra\*\* (pg. 258)****No-till seeding** |  |

