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## LUBENET ANTI-WEAR HYDRAULIC OILS

### PRODUCT SPECIFICATIONS & TECHNICAL DATA

**LUBENET ANTI-WEAR HYDRAULIC OILS** are formulated from selected base oils and compounded with an additive treatment to comply with the normal requirements for a suitable anti-wear hydraulic oil. Provide good fluid stability and hydraulic system protection under normal operating conditions.

#### PROPERTIES AND BENEFITS:

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|-----------------------------------|---|
| <b>1. Viscosity Index:</b>        | <i>High viscosity temperature stability</i>                         |
| <b>2. Anti-Wear:</b>              | <i>Protects and prolongs pump life</i>                              |
| <b>3. Oxidation Inhibitor:</b>    | <i>Keeps hydraulic system clean by preventing deposit formation</i> |
| <b>4. Rust Inhibitor:</b>         | <i>Protects vital parts from rust and corrosion</i>                 |
| <b>5. Anti-Foam:</b>              | <i>Helps maintain full fluid flow</i>                               |
| <b>6. Demulsifier:</b>            | <i>Expedites the rapid separation of water from oil</i>             |
| <b>7. Seal Conditioner:</b>       | <i>Helps to keep seals pliable</i>                                  |
| <b>8. Film Strength Improver:</b> | <i>Resists shock load wear</i>                                      |

#### APPLICATION:

*Plastic molding machinery, metal working machine tools, construction equipment, compacting and bailing machines, material handling equipment, sanitation vehicles, hydraulic elevators, and numerous other types of hydraulically powered devices and machines.*

### TYPICAL ANALYSIS ANTI WEAR HYDRAULIC OILS

<u>CHARACTERISTICS</u>	<u>STANDARDS</u>	<u>AW100</u>	<u>AW150</u>	<u>AW200</u>	<u>AW300</u>
<b>ISO GRADE</b>		<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>
Viscosity SUS @ 100 F.	D 88	115	165	238	340
Viscosity Cst 40 ©	D 445	22	32	46	68
Viscosity Cst 100 ©	D 445	4.5	5.3	6.7	8.5
Viscosity Index	D 567	103	103	103	103
Flash Min. COC	D 92	410	410	420	440
Pour Point	D 97	-35	-35	-20	-17
Oxidation (Hrs)	D 943	3500	3500	3500	3500
<b>RUST &amp; CORROSION</b>					
Resistance	D 665	NO RUST	NO RUST	NO RUST	NO RUST
Demulsibility	D 1401	RAPID	RAPID	RAPID	RAPID
Anti-Foam	D 892	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
<b>Zinc PPM</b>		<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>