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# **Power Up Hydraulic Oil**

### **Product Description:**

Power Up Hydraulic Oil is a low zinc antiwear hydraulic oil meeting Denison HF-o requirements. It is produced from highly refined hydro-treated base oil and hydraulic oil additive packages. These products are designed for hydraulic systems with higher make up rates or those, which operate at moderate temperatures.

#### Applications / Benefits:

- 1. Prevents wear.
- 2. Protects against rust and corrosion
- 3. Resists foaming
- 4. Economical

## **Typical Characteristics:**

Test Description	Method					
SAE Viscosity Grade	SAE J 300					
ISO Viscosity Grade Specific Gravity @ 15 °C Flash Point, °C Pour Point, °C Kinematic Viscosity, cSt @ 40°C cSt @ 100°C Viscosity Index Color	- ASTM D 4052 ASTM D 92 ASTM D 97 ASTM D 445 ASTM D 445 ASTM D 2270 ASTM D 1500	10W 0.871 210 -21 35.4 5.87 108 <0.5	<b>10</b> 0.840 170 -39 10.5 2.80 111 <0.5	<b>15</b> 0.885 210 -27 139.5 14.7 105 <0.5	<b>22</b> 0.866 198 -36 22.4 4.38 103 <0.5	<b>32</b> 0.865 210 -33 31.5 5.4 105 <0.5
	ASTIND 1300	<b>~0.5</b>	<b>~0.5</b>	<b>~0.5</b>	<b>~0.0</b>	<b>NO.5</b>
Test Description	Method					
ISO Viscosity Grade Specific Gravity @ 15 °C Flash Point, °C Pour Point, °C Kinematic Viscosity, cSt @ 40°C cSt @ 100°C Viscosity Index Color	- ASTM D 4052 ASTM D 92 ASTM D 97 ASTM D 445 ASTM D 445 ASTM D 2270 ASTM D 1500	<b>46</b> 0.870 220 -30 46.4 6.85 102 <0.5	68 0.872 222 -27 68.5 8.78 100 <0.5	<b>100</b> 0.878 228 -21 97.5 11.3 98 <0.5	<b>150</b> 0.889 232 -15 150 14.7 97 <0.5	<b>220</b> 0.898 245 -12 222 18.9 96 <0.5

#### **Recommendations and standards:**

- Denison HF-0
- Denison HF-1
- Denison HF-2