

## TECHNICAL DATA SHEET



# UNIVERSAL HYDRAULIC FLUID

PRODUCT # 10017, 10129, 10037, 10038

### TEST

### ASTM

### TYPICAL

<b>API Gravity</b>	<b>D-1298</b>	<b>27.8</b>
<b>Specific Gravity @ 60°F</b>	<b>D-1298</b>	<b>.8883</b>
<b>Density @ 60°F LBS/US Gal</b>	<b>D-1298</b>	<b>7.398</b>
<b>Viscosity @ 40°C cSt</b>	<b>D-445</b>	<b>60.0</b>
<b>Viscosity @ 100°C cSt</b>	<b>D-445</b>	<b>9.0</b>
<b>Viscosity Index</b>		<b>128</b>
<b>Pour Point, °C (°F)</b>	<b>D-97</b>	<b>-42 (-44)</b>
<b>Color</b>		<b>Clear Yellow</b>
<b>Flash Point, COC °F</b>	<b>D-92</b>	<b>470</b>

**A multipurpose powershift transmission/hydraulic fluid intended for a wide range of power driven equipment. Exceeds performance requirements for agricultural, construction and other off-highway and industrial equipment.**

**Meets all OEM specifications for powershift transmissions including gears, pumps, differentials, final drives, bearings, wet brakes, transmissions and PTO clutch applications. Meets and exceeds JOHN DEERE specifications J20A and Hy-Gard.**

**Lucas Universal Hydraulic Fluid is blended with the highest quality base oils and the highest quality additive package. It is further fortified with the following additives and ingredients that assures equipment owners and operators of reduced down-time and extended equipment life:**

**Seal Conditioning Additive:** Keeps seals soft and pliable, preventing them from hardening and cracking;

**Extreme Pressure Additive:** Should the oil film rupture during shock loads or over loads, the extreme pressure additives take over, preventing metal to metal contact;

**Adhesive and Cohesive Additives:** Retards splattering and dripping, makes oil cling tenaciously to gears, bearings, bushings and other metal parts;

**Special Blend of Polymers:** These add lubricity to the oil and transfer heat immediately to the casing for dissipation. This cooler operating condition allows for longer life of the components, as well as longer life of the oil itself.