



Tractor Fluids

hyrax® UNIVERSAL TRACTOR FLUID



Note:

All information supplied by or on behalf of Hyrax Oil in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by rigorous laboratory work and research and believed to be reliable. Typical test data are average values only. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacturing circumstances.

Description

Hyrax Universal Tractor Fluid series are premium quality multipurpose Super Tractor Oil Universal (STOU) lubricants exclusively designed to meet/exceed the various lubrication requirements of engines, transmissions, hydraulics, final drives and wet brakes & clutches of most modern farming equipment.

Hyrax Universal Tractor Fluid is formulated with premium quality base oils and advanced additives system to provide excellent engine cleanliness, outstanding wear protection, excellent thermal and oxidation stability and chatter-free performance for the wet brake system.

Applications

Hyrax Universal Tractor Fluid is recommended for the lubrication of transmissions, differentials, final drives, power take off, oil immersed brakes, power steering and hydraulic systems of full range tractors and other farming equipment.

Benefits

- One oil for all the oil-lubricated tractor components
- Excellent piston deposits control and maintains excellent engine cleanliness
- Excellent anti-wear for effective load carrying capability in transmissions, gears and bearing to prolong components life and consistence performance
- Excellent friction characteristic to ensure chatter-free performance in wet brake system
- Gear protection against rust and corrosion

Typical Characteristics

| Properties | Method | SAE 10W-30 | SAE 15W-40 | SAE 20W-50 |
|----------------------------|------------|------------|------------|------------|
| Density at 15°C, Kg/L | ASTM D4052 | 0.870 | 0.876 | 0.881 |
| Flash Point, °C | ASTM D92 | >210 | >210 | >210 |
| Pour Point, °C | ASTM D97 | -33 | -30 | -27 |
| Viscosity at 40°C, cSt | ASTM D445 | 65.1 | 112.8 | 165.3 |
| Viscosity at 100°C, cSt | ASTM D445 | 9.4 | 14.4 | 18.3 |
| Viscosity Index | ASTM D2270 | 125 | 130 | 124 |
| Total Base Number, mgKOH/g | ASTM D2896 | 9 | 9 | 9 |

Performance

- | | | |
|--|---------------|---|
| ● API CI-4 ⁽¹⁾ / CF-4 / CF / SF | ● Allison C-4 | ● MIL-L-2104D |
| ● ACEA E2 / E7 ⁽¹⁾ | ● MAN 271 | ● Mercedes-Benz MB p228.1 / p228.3 ⁽²⁾ |
| ● Ford M2C159-B | ● Cat TO-2 | ● ZF TE-ML 06B / 06C / 06D / 07B |
| ● John Deere JDM J27 | ● API GL-4 | ● Massey Fergusson CMS M1145 / 1144 / 1139 |

Note:

(1) - API CI-4 and ACEA E7 level of soot control

(2) - MB p228.3 level of wear performance



Universal oil for all
lubrication of tractor
components



Excellent piston
deposit control



Prolong components life and
consistence performance



Gear protection against rust
and corrosion