

# V-TWIN HDF+

**SYNTOL**  
LUBRICANTS

## MOTORCYCLE TRANSMISSION, CLUTCH & PRIMARY FLUID

### PREMIUM TECHNOLOGY

HIGH PERFORMANCE MOTORCYCLE TRANSMISSION FLUID DEVELOPED FROM DECADES OF EXPERIENCE IN CONJUNCTION WITH ORIGINAL EQUIPMENT MANUFACTURERS.

THE USE OF OUR PROPRIETARY BASE OIL TECHNOLOGY, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES LONG OIL LIFE WITHOUT ANY COMPROMISE OF EQUIPMENT RELIABILITY.

#### APPLICATIONS

DESIGNED FOR NORMAL & SEVERE DUTY US, EUROPEAN & ASIAN MOTORCYCLE TRANSMISSIONS, CLUTCH & PRIMARY DRIVES WHERE PERFORMANCE SPECIFICATIONS AND VISCOSITY GRADE ARE APPROPRIATE.

**MAIN USES:** ALL HARLEY DAVIDSON® TRANSMISSION APPLICATIONS. IT IS ALSO RECOMMENDED FOR USE IN THE COMBINED PRIMARY DRIVE OF BUELL® / SPORTSTER® XL AND XR SERIES APPLICATIONS.

ALWAYS REFER TO VEHICLE HANDBOOK / OWNERS MANUAL FOR RECOMMENDED OIL SPECIFICATION & VISCOSITY GRADE BEFORE USE.

#### KEY FEATURES

- HIGH PERFORMANCE DRIVELINE TECHNOLOGY AND PREMIUM QUALITY BASE OILS
- EXCELLENT TRANSMISSION WEAR PROTECTION
- EXCELLENT STATIC AND DYNAMIC FRICTION CHARACTERISTICS FOR PERFECT OIL IMMersed CLUTCH OPERATION DURING INITIAL ENGAGEMENT, CONSTANT SPEED AND ACCELERATION PHASES.
- MARKET LEADING DEPOSIT CONTROL CHEMISTRY
- HIGH OXIDATION RESISTANCE PROVIDES LONG OIL LIFE
- RESISTANT TO PERMANENT VISCOSITY LOSS, ESPECIALLY IMPORTANT FOR MOTORCYCLES WITH HIGHLY LOADED TRANSMISSIONS

#### PERFORMANCE SPECIFICATIONS & SYNTOL RECOMMENDATIONS

|      |                 |
|------|-----------------|
| API  | GL-1            |
| JASO | T904:2016 - MA2 |
| JASO | T904:2016 - MA  |

#### PHYSICAL & CHEMICAL CHARACTERISTICS

| PROPERTY                    | METHOD         | UoM   | TYPICAL        | LIMITS    |
|-----------------------------|----------------|-------|----------------|-----------|
| VISCOSITY GRADE             | SAE J306, J300 | -     | 85W-110, 50    | -         |
| RELATIVE DENSITY @ 15°C     | ASTM D4052     | g/cm3 | 0.892          | -         |
| KINEMATIC VISCOSITY @ 40°C  | ASTM D445      | mm2/s | 208.1          | -         |
| KINEMATIC VISCOSITY @ 100°C | ASTM D445      | mm2/s | 20.4           | 19.0-21.0 |
| VISCOSITY INDEX             | ASTM D2270     | -     | 115            | -         |
| POUR POINT                  | ASTM D97       | °C    | -27            | -         |
| APPEARANCE                  | ASTM D4176-1   | -     | CLEAR & BRIGHT | -         |
| COLOUR                      | VISUAL         | -     | AMBER          | -         |