

# TRIAX HVLP MV

## SYNTHETIC BLEND HIGH VI HEAVY DUTY HYDRAULIC FLUID

TRIAX HVLP MV fluid is a multi-viscosity, top tier hydraulic fluid designed for the most demanding hydraulic applications. This product is a unique fluid, designed to fit both high vis and low vis hydraulic requirements with an extremely wide temperature range. TRIAX MULTI-VIS HVLP is high detergency, HVLP class fluid, with an extremely high VI Index and maximum anti-wear protection package, triple that of economy hydraulic fluids and double of major branded fluids.

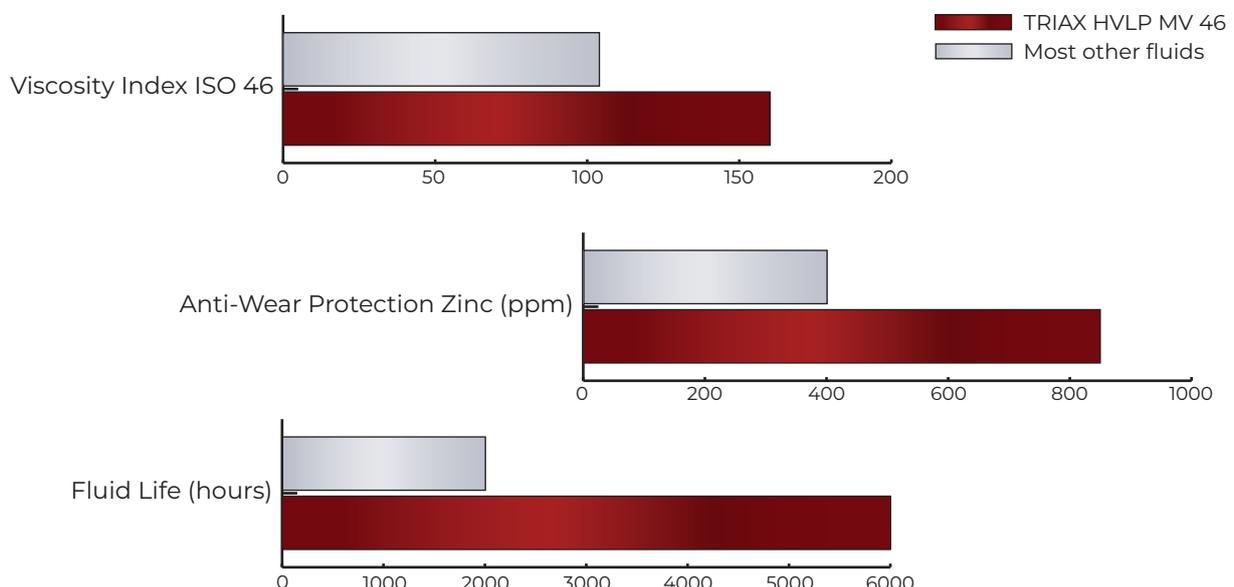
TRIAX MULTI-VIS HVLP Hydraulic Oil is designed for virtually all hydraulic applications including severe service, such as agriculture, construction, mining . Due to its exceptional viscosity stability , this product is also recommended for very hot or very cold (-50 F) ambient temperature operations.

This product is a synthetic blend fluid reinforced with a custom, superior performance additive package to protect

## PERFORMANCE

- Synthetic blend formulation for improved stability and durability
- High oxidative stability in severe service and high temperatures
- Rapid air release and foam prevention
- High viscosity index for superior viscosity stability
- 6000 hour fluid life in severe service.
- Prevents cavitation, overheating and loss of viscosity.
- Provide excellent demulsibility and rust protection.
- Highest concentration anti-wear system
- Reduces fluid related maintenance costs by up to 62% vs standards fluids
- Flawless hydraulic response in severe service applications
- Viscosity stability prevents oil thinning, leaks and system air intake due to high temp operations

## PERFORMANCE CHARACTERISTICS



## APPLICATIONS

TRIAX MULTI-VIS HVLP are recommended for service in vane, piston, and gear pumps in both normal temperatures and ultra-cold arctic conditions and when used in accordance with the manufacturers recommendations, including Parker Dennison hydraulics. Designed for heavy duty service to provide excellent service life to these pumps as well as to other circuit components such as motors and servos.

TRIAX HVLP MULTI-VIS fluids are also recommended for use as a gear and bearing lubricant in industrial applications where rust and oxidation inhibited oils are required.

## SPECIFICATIONS

- PARKER HANNIFIN FRANCE (DENSION) HF-0, HF2
- **DIN 51524 Part 3**
- ASTM D3306, D4985, D6210
- MAG IAS P-68, P-69, P-70
- GM LS-2
- JCMAS HK
- US STEEL 127 & 136
- SAE MS1004
- HPLD high detergency fluid
- EATON BROCHURE 03-401-2010
- BOSCH REXROTH RD90220
- JCB Standard: 4002/1000 (ISO 32)
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- JCB Standard: 4002/0700 (ISO 68)

## CHEMICAL PROPERTIES

TEST CRITERIA	ISO 32	ISO 46	ISO 68
API GRAVITY	31.3	30.4	29.3
KINEMATIC VISCOSITY @40 C	32.4	46.12	68,16
KINEMATIC VISCOSITY @100 C	5.3	7.2	12.31
VISCOSITY INDEX	160+	160+	160+
FLASH POINT C (F)	225 (437)	225 (437)	225 (437)
POUR POINT C (F)	-46 (-51)	-46 (-51)	-38 (-36)
OXIDATION STABILITY, ASTM D943	6000+	6000+	6000+
COPPER CORROSION, ASTM D130	1A	1A	1A

Small deviations from these results are expected during the manufacturing process and do not affect product performance.