

# THRIVE® ZF Mult-Vis Hydraulic ISO 46 HVI



## Description

THRIVE® ZF Mult-Vis Hydraulic ISO 46 HVI is a premium high VI, shear stable hydraulic fluid designed for year round service. It is formulated with a non-zinc, ashless anti-wear additive to improve oxidation performance and component cleanliness.

THRIVE® ZF Mult-Vis Hydraulic ISO 46 HVI combines this unique anti-wear package with superior Group II base oils and an extremely shear stable VI improver. The use Group II base stocks in this product typically increase the D 943 oxidation performance to exceed 5000 hours.

THRIVE® ZF Mult-Vis Hydraulic ISO 46 HVI has superior oxidation stability and resists breakdown at high temperatures. It provides excellent anti-wear protection, filterability, and demulsibility.

## Features/Benefits

- Non-Zinc Formulation
- High Viscosity Index VI
- Excellent Shear Stability
- Exceptional Anti-wear Protection
- Excellent Low Temperature Properties
- Excellent Water Separation
- Superior Thermal Stability

## Applications

Zinc Free Hi VI Multi-Vis 46 Hydraulic Oil has been developed to meet or exceed the requirements of all conventional and high-output industrial and mobile hydraulic systems including:

- ASTM D6158 HV
- Chinese Standard GB1118.1 L-HL &L-HM
- DIN 51524 Part 3, HVLP
- Danfoss (Eaton) Brochure 03-401-2010
- Danfoss (Eaton) Lubricant Specification E-FDGN-TB002-E
- Fives Cincinnati P-70
- ISO 11158 HV
- JCMA HK
- Parker Denison, HF-1, HF-2, HF-0
- Swedish Standard SS 15 54 34
- U.S. Steel 127

## Typical Properties

Product	THRIVE® ZF Mult-Vis Hydraulic ISO 46 HVI
Product #	2312
Density lb/gal	7.2
Viscosity @ 40° C, cSt	46
Viscosity @ 100° C, cSt	8.6
Viscosity Index, typ	165
Pour Point °F, typ	-45
DIN 51524 Part 3	HVLP 46
ISO Grade	46