

ANDEROL[®] DDF Series

SPECIALIZED HYDRAULIC FLUIDS (ISO VG 32 and ISO VG 46)

DESCRIPTION

ANDEROL[®] DDF 32 and **ANDEROL[®] DDF 46** were specifically designed to offer outstanding performance over a wide temperature range in precision hydraulic systems. They provide excellent protection against wear, oxidation and rust. In addition, the proprietary base stock combination offers outstanding insulator properties, which aids in smooth operation and minimizes seasonal adjustments.

APPLICATIONS

- Hydraulic door closures
- Hydraulic assisted dampening systems
- Shock Absorbers
- Precision hydraulic devices
- Robotics

ADVANTAGES

- Operation over wide temperature range
- Provides excellent wear protection
- Provides excellent corrosion resistance
- Compatible with common industrial metals and alloys
- Compatible with most seals and elastomeric materials

TYPICAL PROPERTIES:

PROPERTIES	TEST METHOD	ANDEROL [®] DDF 32	ANDEROL [®] DDF 46
Viscosity, cSt			
@ 40 °C	ASTM D 445	31	44
@ 100 °C	ASTM D 445	10.4	14.1
Viscosity, SUS @ -35 °C	ASTM D 445	870	1,421
Viscosity Index	ASTM D 2270	353	348
Pour Point, °C	ASTM D 97	-60	-59
Flash Point, COC, °C	ASTM D 92	113	112
Specific Gravity, 25 °C (60 °F)	ASTM D 1298	0.882	0.885
Ferrous corrosion	ASTM D 665 A	Pass	Pass
Operating Range, °C*	---	-38 to 75	-45 to 75

*Fluid Temperature. Start-ups at ambient temperatures below this are possible provided that the bulk fluid is allowed to warm up prior to being put under working load.

PACKAGING

ANDEROL[®] DDF 32 and **ANDEROL[®] DDF 46** are available in 55-gallon drums. Other packages may be available upon request.

ADDF32:REV112910

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