TECHNICAL DATA SHEET
CIIFROL HYDROL AW SERIES
Anti-Wear Hydraulic Oils

DESCRIPTION
Ciifrol Hydrol AW series of oils are high performance oils meeting anti-wear hydraulic oil requirements. These oils are formulated with advanced technology additives blended. The balanced additive formulations which include antioxidants and corrosion-inhibitors provide good ageing and temperature resistance while ensuring optimal anti-wear properties and high load carrying capacity. The oil offers excellent foam control and good Demulsibility. This oil is neutral toward ferrous metals and almost all nonferrous metals and gasket-materials. These oils are currently available in viscosity grades of 32, 46, 68 and 100.

APPLICATIONS
These oils are recommended for high pressure hydraulic systems using vane, piston or gear pumps on mobile and stationary equipment used in Industrial construction, Agriculture and Mining. Ciifrol Hydrol AW oils are also suitable for enclosed gears operating under medium to high load conditions as well as industrial circulating systems where Rust and oxidation inhibited oils are recommended.

SPECIFICATIONS
This is a propriety formulation of SRN Lubricants.

BENEFITS
- Low Compressibility, volatility and foaming tendency
- Good thermal capacity and conductivity
- Excellent Demulsibility and hydrolytic stability
- Outstanding anti-wear, anti-corrosion and antirust characteristics

TYPICAL VALUES

PROPERTY	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100
Viscosity at 40°C, cSt	28–36	42–50	62–72	95–110
Viscosity Index	90	90	90	90
Flash Point, COC, °C	200	200	200	200
Pour Point, °C	(-)6	(-)6	(-)6	(-)6
Demulsibility Characteristics	15 minutes	15 minutes	15 minutes	15 minutes
NAS Value	06–07	06–07	06–07	06–07
Foaming Tendency	Pass	Pass	Pass	Pass
Rust Prevention Characteristics	Pass	Pass	Pass	Pass

PERFORMANCE PROFILE
- Bosch Rexroth RDE 90235
- Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV)
- Eaton E-FDGN-TB002-E
- Fives P68, P69, P70 (HM, HV)
- DIN 51524-2 (HM); DIN 51524-3 (HV)
- GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS)

The information provided in this Technical Data Sheet is based on our best knowledge and experience and is intended as a general guide. The technical data represents typical values and may vary depending on product batches, operating conditions and application methods.
Users are advised to refer to the latest Technical Data Sheet and Safety Data Sheet (SDS) for applicable product information.
Users are advised to evaluate the product for suitability for their specific application and to follow recommended handling, storage and safety practices. CIIFROL accepts no responsibility for any loss, damage or injury resulting from improper, unintended or abnormal use of the product or conditions beyond its reasonable control.
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