

# AVIN Marine Series

## Hydraulic System Oils



## Technical Data Sheet

### HYDROL

DIN 51524 Part 2 HLP, DENISON HF-0/HF-1/HF-2, CINCINNATI P-68/P-69/P-70, ISO 1158 HH/HL/HM, EATON I-286-S3

#### Description

HYDROL OILS are high quality, heavy duty, antiwear hydraulic oils, suitable for use in modern high pressure industrial hydraulic systems. They contain antiwear, anti-corrosion, antifoam, antioxidant additives and a pour point depressant. All components are selected and formulated to maintain good air release and water separation properties.

#### Functional Characteristics

- Excellent antiwear performance.
- High resistance to oxidation.
- Good protection against rust and corrosion.
- Good foam resistance.
- Good water separation in hydraulic systems.

#### Typical Use

HYDROL OILS are recommended for industrial, marine and mobile hydraulic systems with gear, vane and piston pumps, especially in high pressure systems where antiwear hydraulic fluids are specified. They are also suitable for hydraulic actuated equipment, such as presses, hydraulic control systems, hydraulic elevators, machine tools and mining equipment.

#### Typical Characteristics

HYDROL						
ISO	22	32	46	68	100	150
Specific gravity at 15°C/4°C	0,878	0,88	0,883	0,889	0,890	0,891
Viscosity at 40°C, cst	22,0	32,0	46,0	68,0	100,0	150,0
Viscosity at 100°C, cst	4,3	5,4	6,8	8,7	11,1	14,6
Viscosity Index	100	98	96	95	95	95
Flash Point (C.O.C.), °C	190	200	220	225	230	240
Pour Point, °C	-30	-27	-24	-24	-21	-18