

## HYDRA POWER PLUS 22

### Hydraulic Oil

**HYDRA POWER PLUS 22** is a premium quality anti-wear hydraulic oil specially developed for applications like hydraulic and power transmission subjected to wide range of temperature or where small viscosity change with fluctuating temperature is required.

**HYDRA POWER PLUS 22** is formulated with high quality virgin mineral base stocks in combination with a special additive technology to achieve the following performance:

- Exceptional anti-wear property results in longer component life reducing costs.
- Extremely High Viscosity Index assures equipment protection at cold start-up temperatures and at high operating temperatures.
- Excellent shear stability minimizes viscosity loss over time and exhibits "stay-in-grade" performance under high shear conditions.
- Excellent thermo-oxidative.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property due to non-silicone anti-foam technology to minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals & most sealing materials commonly used in hydraulic systems.

**HYDRA POWER PLUS 22** meets the following performance criteria:

DIN 51524-3 HVLP    ISO 11158 HV    ASTM D6158 HV    AFNOR NF E 48-603 HV  
Sauer Danfoss 520L0463    Eaton Vickers M-2950-S / I-286-S    US Steel 127, 136

### Typical Analysis

| Properties              | Unit               | Method                | Typical Value    |
|-------------------------|--------------------|-----------------------|------------------|
| ISO VG Grade            |                    | ISO 3448              | 22               |
| Density @15°C           | kg/m <sup>3</sup>  | ASTM D4052            | 854.0            |
| Kin. Viscosity @40°C    | mm <sup>2</sup> /s | ASTM D7042            | 21.7             |
| Kin. Viscosity @100°C   | mm <sup>2</sup> /s | ASTM D7042            | 5.3              |
| Viscosity Index         |                    | ASTM D2270            | 193              |
| Flash Point COC         | °C                 | ASTM D92              | >175             |
| Pour Point              | °C                 | ASTM D7346            | -54              |
| Air Release Value @50°C | Minutes            | ASTM D3427            | Pass             |
| Demulsibility @54°C     | Minutes            | ASTM D1401            | Pass             |
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