

## HYDROLUBRIC VGS

### HYDRAULIC OILS

#### Purpose of application:

HYDROLUBRIC VGS hydraulic oils are used in hydraulic and circulating systems for transferring power or lubricating the heavily loaded drive systems of tool machines, which operate in large variable hydraulic oil temperatures.

#### Structure and properties:

HYDROLUBRIC VGS hydraulic oils are made from separate selected paraffin base oilss, anti-corrosion, anti-oxidant, EP, anti-wear and anti-foam additives and VI improvers.

In formulating HYDROLUBRIC VGS hydraulic oils a great deal of attention was devoted to the viscosity index, therefore the entire series of HYDROLUBRIC VGS oil products offer advantages in relation to the viscosity/temperature range, which renders possible the precise workings of hydraulic systems in wide viscosity/temperature intervals.

Their excellent lubricating properties make possible their high transmission load, and the very good simultaneous oxidation stability. The oil can also be used as lubricating oil for transmission gears.

HYDROLUBRIC VGS oils have outstanding filterability (even with the presence of small quantities of water), excellent hydrolytic, thermal and oxidation stability, and air elimination and anti-foam properties.

#### Physical and chemical characteristics:

| ISO<br>VG | Viscosity<br>mm <sup>2</sup> /s<br>(40 °C) (100 °C)<br>ASTM D 445 |      | Viscosity<br>index<br>ASTM 2270 | Flash-point<br>(°C)<br>ASTM D 92 | Pour point<br>(°C)<br>ASTM D 97 |
|-----------|---|------|---------------------------------|----------------------------------|---------------------------------|
| 22        | 22  | 4.8  | 140                             | 170                              | -35                             |
| 32        | 32  | 6.1  | 140                             | 215                              | - 30                            |
| 46        | 46  | 7.9  | 140                             | 230                              | - 27                            |
| 68        | 68  | 10.5 | 140                             | 240                              | - 25                            |
| 100       | 100   | 13.3 | 130                             | 245                              | - 21                            |

#### Quality levels:

DIN 51 524/3 HVLP  
ISO 6 743/4 HV  
Denison: HF-2, HF-0  
Vickers: I-286-S, M-2950-S

Cincinnati Milacron: P-68,P-69,P70  
AFNOR: NFE 48-690 (dry)  
AFNOR: NFE 48-691 (wet)  
AFNOR: NFE 48-603

#### Supply:

HYDROLUBRIC VGS hydraulic oils are available in 10 l plastic containers, 205 l drums, 1,000 l containers, and in bulk in accordance with the valid price list.