



## Specification sheet: Hydraulic Fluid HM

### Identification

Product code: HU0502

Revision index / date: H May 2019.

### Features – properties

Antiwear and anti-oxidant, natural viscosity index hydraulic fluid.  
This oil is naturally straw color.

### Specifications

AFNOR NF E 48603 : HM  
DIN 51524 part 2  
Eaton E-FDGN-TB002-E  
Parker (Denison) HF-0 – HF-1 & HF-2  
Fives P68, P69, P70  
ISO 11158  
ASTM D6158  
SAE MS 1004  
Bosch Rexroth RDE90235  
JCMAS P041 Hydraulic specification  
GM LS-2  
AIST 126, 127  
SEB 181222

### Physico-chemical characteristics

| Characteristics             | Method      | Units | Typical | Mini   | Maxi |
|-----------------------------|-------------|-------|---------|--------|------|
| Kinematic viscosity @ 40°C  | ASTM D 7279 | cSt   | 32      | 28.8   | 35.2 |
| Kinematic viscosity @ 100°C | ASTM D 7279 | cSt   | 5.4     | -      | -    |
| Viscosity index             | ASTM D 2270 | cSt   | 100     | -      | -    |
| Pour point                  | ASTM D 5950 | °C    | -32     | -      | -28  |
| Density                     | D20/4       | -     | 0.849   | -      | -    |
| Colour                      | ASTM D 1500 | -     | 1.5     | -      | 2.0  |
| Spectrometric analysis      | ICP         | ppm   |         |        |      |
| Phosphorus                  |             |       | 350     |        |      |
| Zinc                        |             |       | 450     |        |      |
| Calcium                     |             |       | 50      |        |      |
|                             |             |       |         | ± 10 % |      |