

## alfabiotech

### 5000 PLUS – MINETUFF



#### ISO 18752

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**Reinforcement:** four high tensile steel spirals.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.

**MSHA APPROVED**

**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

**Constant operation:** -40 °C +121 °C (-40 °F +250 °F)

**Safety factor:** 1:4

**Length:** random

| Item Code | ↔    |      |      | ↔     |      | ↻    | ↻    | ↻     | ↻     | ↻     |      | ⚖     | ⚖     |
|-----------|------|------|------|-------|------|------|------|-------|-------|-------|------|-------|-------|
|           | Dash | mm   | in   | mm    | in   | Mpa  | psi  | Mpa   | psi   | mm    | in   | kg/m  | lb/ft |
| 1001712   | 12   | 19,0 | 3/4" | 31,00 | 1,22 | 38,0 | 5500 | 152,0 | 22040 | 180,0 | 7,09 | 1,324 | 0,89  |
| 1001713   | 16   | 25,0 | 1"   | 38,30 | 1,51 | 38,0 | 5500 | 152,0 | 22040 | 210,0 | 8,27 | 1,923 | 1,30  |

## alfabiotech

### 6000 – MINETUFF



#### ISO 18752 - EXCEEDS SAE 100 R15

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**Reinforcement:** four/six high tensile steel spirals.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.

**MSHA APPROVED**

**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

**Constant operation:** -40 °C +121 °C (-40 °F +250 °F)

**Safety factor:** 1:4

**Length:** random up to 1" - 61 m max over 1"1/4

| Item Code | Const. | ↔    |      |        | ↔     |      | ↻    | ↻    | ↻     | ↻     | ↻     |       | ⚖     | ⚖     |
|-----------|--------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
|           |        | Dash | mm   | in     | mm    | in   | Mpa  | psi  | Mpa   | psi   | mm    | in    | kg/m  | lb/ft |
| 1001697   | 4WS    | 04   | 6,0  | 1/4"   | 17,30 | 0,68 | 45,0 | 6550 | 180,0 | 26200 | 60,0  | 2,36  | 0,540 | 0,37  |
| 1001698   | 4WS    | 06   | 10,0 | 3/8"   | 20,10 | 0,79 | 44,5 | 6450 | 178,0 | 25800 | 75,0  | 2,95  | 0,648 | 0,44  |
| 1001699   | 4WS    | 08   | 13,0 | 1/2"   | 23,00 | 0,91 | 42,0 | 6000 | 168,0 | 24000 | 90,0  | 3,54  | 0,747 | 0,51  |
| 1001700   | 4WS    | 10   | 16,0 | 5/8"   | 28,20 | 1,11 | 42,0 | 6000 | 168,0 | 24000 | 180,0 | 7,09  | 1,198 | 0,81  |
| 1001701   | 4WS    | 12   | 19,0 | 3/4"   | 31,40 | 1,24 | 42,0 | 6000 | 168,0 | 24000 | 210,0 | 8,27  | 1,429 | 0,97  |
| 1001702   | 4WS    | 16   | 25,0 | 1"     | 38,20 | 1,50 | 42,0 | 6000 | 168,0 | 24000 | 250,0 | 9,84  | 1,950 | 1,32  |
| 1002487   | 4WS    | 20   | 32,0 | 1 1/4" | 46,10 | 1,81 | 42,0 | 6000 | 168,0 | 24000 | 445,0 | 17,52 | 2,920 | 1,97  |
| 1002485   | 6WS    | 20   | 32,0 | 1 1/4" | 49,30 | 1,94 | 42,0 | 6000 | 168,0 | 24000 | 445,0 | 17,52 | 3,401 | 2,29  |
| 1002486   | 6WS    | 24   | 38,0 | 1 1/2" | 56,50 | 2,22 | 42,0 | 6000 | 168,0 | 24000 | 530,0 | 20,87 | 4,480 | 3,02  |
| 1003505   | 6WS    | 32   | 51,0 | 2"     | 71,00 | 2,80 | 42,0 | 6000 | 168,0 | 24000 | 650,0 | 25,59 | 6,500 | 4,37  |