| PRODUCT DATA SHEET: | HYDRAULIC OIL HM 32/46/68 |
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**HYDRAULIC OIL HM 32/46/68** are high performance anti wear hydraulic oils developed for use in high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial services.

**HYDRAULIC OIL HM 32/46/68** oils are formulated with carefully selected base stocks fortified with additives to provide excellent protection towards wear, rust and oxidation.

**HYDRAULIC OIL HM 32/46/68** are formulated with field proven thermally stable,zinc based anti wear additives.

**HYDRAULIC OIL HM 32/46/68** provide excellent water demulsibility as well as de-aeration.
The product effectively protects against rust and oxidation.

**HYDRAULIC OIL HM 32/46/68** can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

| TYPICAL PROPERTIES: | | | | SPECIFICATIONS: |
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| PRODUCT CODE | 4352 | 4354 | 4356 | Exceeds:<br>DIN 51524/2 HLP<br>ISO 11158 HM<br>AFNOR NFE 48-603 HM<br>Denison HF-0/HF-1/HF-2<br>Cincinnati P-68/P-70/P-69<br>Eaton (Vickers):<br>M-2950-S/I-286-2 |
| ISO VG | 32 | 46 | 68 | |
| DENSITY @ 15°C | 870 kg/m³ | 874 kg/m³ | 881 kg/m³ | |
| VISCOSITY @ 100°C | 5.4 mm²/s | 6.9 mm²/s | 8.7 mm²/s | |
| FLASH POINT | >200°C | >200°C | >200°C | |
| POUR POINT | - 30°C | -30°C | -30°C | |