

| <b>SWISSOIL</b><br><b>CERTIFICADO DE CALIDAD</b> |                                                                                                   |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------|
| SOLICITANTE                                      | AGENCIA DE REGULACION Y CONTROL DE HIDROCARBUROS                                                  |
| PRODUCTO                                         | <b>ACEITE MOTOR</b><br><b>GASOLINA</b><br><b>HAVOLINE SYNTHETIC</b><br><b>TECHNOLOGY MO 20W50</b> |
| APARIENCIA                                       | B&C                                                                                               |
| VISCOSIDAD CINEMATICA @ 40°C                     | 150.7                                                                                             |
| VISCOSIDAD CINEMATICA @ 100°C                    | 17.5                                                                                              |
| INDICE DE VISCOSIDAD                             | 128                                                                                               |
| VISCOSIDAD APARENTE @ -15°C, ASTM D5293, c       | 5803                                                                                              |
| CALCIO, ASTM D6595, %WT                          | 0.1140                                                                                            |
| ZINC, ASTM D6595, %WT                            | 0.0819                                                                                            |
| FÓSFORO, ASTM D6595, %WT                         | 0.0695                                                                                            |
| SP. GR. 60/60 F                                  | 0.8716                                                                                            |
| API                                              | 50                                                                                                |
| LB/GAL                                           | 7.257                                                                                             |
| KG/GAL                                           | 3.293                                                                                             |

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