福斯MR5液压油 FUCHS RENOLIN MR 0/1/3/5/10/15/20/30/40 福斯主轴油 福斯锭子油

产品名称	福斯MR5液压油 FUCHS RENOLIN MR 0/1/3/5/10/15/20/30/40 福斯主轴油 福斯锭子油
公司名称	深圳市润富源科技有限公司
价格	500.00/桶
规格参数	品牌:福斯 型号:福斯MR5液压油 FUC
公司地址	深圳市龙华区龙华街道狮头岭新村西区14栋302
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产品详情

福斯MR5液压油 FUCHS RENOLIN MR 0/1/3/5/10/15/20/30/40 福斯主轴油 福斯锭子油

against corrosion even in difficult conditions such as overseas shipment. A further advantage is that the factory-filled oil can remain in the machine all the way through to the first routine oil change interval. If the machinery cannot be delivered factory-filled, the RENOLIN MR oil film remaining after the functional test offers good corrosion protection to all wetted surfaces. When used for normal operation, RENOLIN MR oils reduce wear, avoid stick-slip or frictional vibration and protect against corrosion. Furthermore, they ensure that oil circuits remain clean.RENOLIN MR oils are therefore recommended for machinery with low speed movements, if a good wetting film between cylinders and sealing elements is required as well as when machinery is exposed to unfavourable atmospheric conditions such as large temperature fluctuations and thus condensation formation, air-borne dust such as in foundries, in cement manufacturing plants or on construction sites and last but by no means least, for machine tools especially if water-miscible cutting fluids are used. RENOLIN MR 0, MR 1 and MR 3 are heavy-duty spindle oils recommended for machine tools and textile machinery. RENOLIN MR 0 especially for grinding machine spindles rotating faster than 2,000 rpm. RENOLIN MR 1 for machine tool spindles turning between 600 and 2,000 rpm and for textile machine spindles revolving faster than 10,000 rpm. RENOLIN MR 3 for machine tool spindles turning under 600 rpm and for textile machine spindles revolving slower than 10,000 rpm.RENOLIN MR 5, RENOLIN MR 10, RENOLIN MR 15, are heavy-duty hydraulic oils capable of withstanding continuous temperatures of over 100 ° C, even up to 120 ° C for short periods. They are recommended by leading manufacturers of hydraulic equipment and in some cases, factory-filled.RENOLIN MR 10 is also suitable for power steering systems. RENOLIN MR 10, RENOLIN MR 15 and RENOLIN MR 20 are recommended for medium-duty transmissions, in particular those fitted with electromagnetic, multiple clutches. RENOLIN MR 30 and RENOLIN MR 40 are recommended for heavyduty transmissions.RENOLIN MR 0MR 1MR 3MR 5MR 10MR 15MR 20MR 30MR 40 Hydraulic oil acc. to ISO 6743-41 HM 10HM 22HM 32HM 46HM 68HM 100HM type 150 acc. to DIN 51 5021 HLPD10HLPD 22HLPD 32HLPD 46HLPD 68HLPD 100 CharacteristicsUnit Test methodColour 1111112.53.5ASTM D 1500Kinematic viscosity at 40 ° Cmm2/s2.24.89.522354970102146ASTM D 445at 100 ^o Cmm2/s11.62.64.35.87.5911.214.2ASTM D 445Viscosity index – – -1001071161029595ASTM D 2270Density at 15 ° Ckg/I0.8250.8430.860.8780.8830.8840.8850.8920.898ASTM D 1298Flash point, Cleveland open cup ° C7585160165200220225230250ASTM D 92Pour point ° C - 42-36-30 - 30 - 30 - 27 - 27 - 21-18ASTM D 97Neutralization numbering KOH/g 0.7 ASTM D 974Saponification numbering KOH/g 2.4 ASTM D 94Oxide ash% mass 0.27 ASTM D 482Water content ASTM D 95% massnot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceable Insolubles DIN 51 592% massnot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceablenot traceable Demulsificationminnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingnon demulsifyingDIN 51 599Air release at 50 ° Cmin1124710122030ASTM D 3427Foaming, seq. 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30IP 281Effect on SRE-NBR 1 seal material acc.to DIN 53 538-1 at 100 ° C +/ - 1 ° C after 7 days +/ - 2 relative volume change%20181714119877DIN 53 521 together with DIN 53 hours. 505change in Shore A hardnessShore -9-7-6-5-3-2-2-2-2 DIN 53 521 together with DIN 53 505 RENOLIN MRMultipurpose Lubricating Oil for Bearings, Gearboxes and Hydraulic SystemsEngine oils have to perform many different functions. They not only have to lubricate, i.e. reduce friction and wear but also to keep the machines clean, inhibit corrosion, seal and cool. In many cases only one of these functions is emphasized while the others are neglected. But one must actually consider all of these functions along with their interactions. The places were most wear and soiling takes place in an engine are the cylinder walls, pistons, rings, valves, distributor and oil pump drives, camshafts, tappets, rockers, all bearings and the sump. An oil must withstand a number of physical conditions, the most important of which being temperature. An oil is expected to perform satisfactorily from - 40 to + 300 ° C and in some conditions even above this temperature without losing its efficiency. The oil in an engine is mechanically contaminated by combustion residues (soot), abraded metal particles, dust and sand and chemically affected by oxygen, acids and water. The guestion is: Are these tasks and requirements only applicable to engine oils? and the answer is: No, all machinery lubricants have to fulfil similar requirements. Of course, the particular emphasis reflects the application in question. The special RENOLIN MR oils are lubricants which satisfy the diversity of such applications. RENOLIN MR oils were developed over 30 years ago but are still among the leading hydraulic and lubricating oils currently available. This is proof of the quality of these oils as well as confirmation of the foresight of FUCHS R + D laboratories which first developed these detergent hydraulic oils. The RENOLIN MR series of oils offer the following advantages: Multipurpose lubricating oils Excellent corrosion protection (characteristics of conservation oils are given) Excellent cleaning and sludge transportation properties Friction and wear reducing Good resistance to ageing Application: RENOLIN MR multipurpose lubricating oils are recommended for the running-in of machinery, for functional tests and for operational lubrication. When factory-filled, RENOLIN MR oils guarantee running-in free of undue wear and seizures in addition to complete protection of machinery internals