

Zf 9s1315to Hino Spare Parts Catalog

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Spare Parts Catalog

9 S 1315 TO
HINO MOTORS LTD.

Material number: 1324.031.008



| Pos. | Information | Amendment number |
|------|--|------------------|
| 001 | Use case ----- | |
| 002 | Customer Hino Motors Ltd. | |
| 003 | City Hino | |
| 004 | DUNS 69-053-6503 | |
| 005 | Vehicle / Apparatus ----- | |
| 006 | Sales Name FM2P | |
| 007 | Manufacturer Hino Motors Ltd. | |
| 008 | Engineering Name | |
| 009 | Product Use TRUCK | |
| 010 | Vehicle/Hardware Type ROAD TRACTOR | |
| 011 | SOP | |
| 012 | Engine | |
| 013 | Sales Designation | |
| 014 | Manufacturer Hino Motors Ltd. | |
| 015 | Eng.Displ. | |
| 016 | Cylinder | |
| 017 | Nom. power 280 kW | |
| 018 | RPM at nom. power 2150 1/min | |
| 019 | Nom. torque 1275 Nm | |
| 020 | RPM at nom. torque 1500 1/min | |
| 021 | Classification use case ----- | |
| 022 | DESIGNATION, CLUTCH 430 | |
| 023 | MANUFACTURER, CLUTCH EXEDY | |
| 024 | TOTAL NUMBER OF GEARS 6 | |
| 025 | NUMBER OF DRIVING GEARS 4 | |
| 026 | DYNAMIC TYRE RADIUS 523 mm | |
| 027 | REAR AXLE RATIO 4,875 | |
| 029 | INERTIA TORQUE ,108 kg/m2 | |
| 031 | PERMISS.GROSS VEHICLE WEIGHT 45 t | |
| 033 | APPROVAL NOTE 1 FIRST FITTING CHECK CARR.OUT | |



| Pos. | Information | Amendment number |
|------|-------------------------------------|------------------|
| 034 | APPLICATION OF THE PRODUCT THAILAND | |
| 036 | Use case ----- | |
| 037 | Customer Hino Motors Ltd. | |
| 038 | City Hino | |
| 039 | DUNS 69-053-6503 | |
| 040 | Vehicle / Apparatus ----- | |
| 041 | Sales Name FM1A | |
| 042 | Manufacturer Hino Motors Ltd. | |
| 043 | Engineering Name | |
| 044 | Product Use TRUCK | |
| 045 | Vehicle/Hardware Type ROAD TRACTOR | |
| 046 | SOP | |
| 047 | Engine | |
| 048 | Sales Designation A09C-TI | |
| 049 | Manufacturer Hino Motors Ltd. | |
| 050 | Drivetrain type DIESEL | |
| 051 | Eng.Displ. cm3 | |
| 052 | Cylinder | |
| 053 | Nom. power 243 kW | |
| 054 | RPM at nom. power 2100 1/min | |
| 055 | Nom. torque 1177 Nm | |
| 056 | RPM at nom. torque 1100 1/min | |
| 057 | Classification use case ----- | |
| 058 | DESIGNATION, CLUTCH 430 | |
| 059 | MANUFACTURER, CLUTCH EXEDY | |
| 060 | TOTAL NUMBER OF GEARS 6 | |
| 061 | NUMBER OF DRIVING GEARS 4 | |
| 062 | DYNAMIC TYRE RADIUS 523 mm | |
| 063 | REAR AXLE RATIO 4,875 | |
| 067 | PERMISS.GROSS VEHICLE WEIGHT 45 t | |



| Pos. | Information | Amendment number |
|------|--|------------------|
| 069 | APPROVAL NOTE 1 ERSTEINBAU*UEBERPRUEFG.DURCHGEFUEHRT | |
| 070 | APPLICATION OF THE PRODUCT THAILAND | |
| 072 | Use case ----- | |
| 073 | Customer Hino Motors Ltd. | |
| 074 | City Hino | |
| 075 | DUNS 69-053-6503 | |
| 076 | Vehicle / Apparatus ----- | |
| 077 | Sales Name FM2P | |
| 078 | Manufacturer Hino Motors Ltd. | |
| 079 | Engineering Name | |
| 080 | Product Use TRUCK | |
| 081 | Vehicle/Hardware Type ROAD TRACTOR | |
| 082 | SOP | |
| 083 | Engine | |
| 084 | Sales Designation | |
| 085 | Manufacturer Hino Motors Ltd. | |
| 086 | Drivetrain type DIESEL | |
| 087 | Eng.Displ. cm3 | |
| 088 | Cylinder | |
| 089 | Nom. power 235 kW | |
| 090 | RPM at nom. power 2150 1/min | |
| 091 | Nom. torque 1128 Nm | |
| 092 | RPM at nom. torque 1500 1/min | |
| 093 | Classification use case ----- | |
| 094 | DESIGNATION, CLUTCH 430 | |
| 095 | MANUFACTURER, CLUTCH EXEDY | |
| 096 | TOTAL NUMBER OF GEARS 6 | |
| 097 | NUMBER OF DRIVING GEARS 4 | |
| 098 | DYNAMIC TYRE RADIUS 523 mm | |
| 099 | REAR AXLE RATIO 4,875 | |



| Pos. | Information | Amendment number |
|------|--|------------------|
| 101 | INERTIA TORQUE ,108 kg/m2 | |
| 103 | PERMISS.GROSS VEHICLE WEIGHT 45 t | |
| 105 | APPROVAL NOTE 1 FIRST FITTING CHECK CARR.OUT | |
| 106 | APPLICATION OF THE PRODUCT PAKISTAN | |
| 108 | Use case ----- | |
| 109 | Customer Hino Motors Ltd. | |
| 110 | City Hino | |
| 111 | DUNS 69-053-6503 | |
| 112 | Vehicle / Apparatus ----- | |
| 113 | Sales Name GY2P | |
| 114 | Manufacturer Hino Motors Ltd. | |
| 115 | Engineering Name | |
| 116 | Product Use TRUCK | |
| 117 | Vehicle/Hardware Type DUMPER | |
| 118 | SOP | |
| 119 | Engine | |
| 120 | Sales Designation | |
| 121 | Manufacturer Hino Motors Ltd. | |
| 122 | Eng.Displ. | |
| 123 | Cylinder | |
| 124 | Nom. power 280 kW | |
| 125 | RPM at nom. power 2150 1/min | |
| 126 | Nom. torque 1275 Nm | |
| 127 | RPM at nom. torque 1500 1/min | |
| 128 | Classification use case ----- | |
| 129 | DESIGNATION, CLUTCH 430 | |
| 130 | MANUFACTURER, CLUTCH EXEDY | |
| 131 | TOTAL NUMBER OF GEARS 8 | |
| 132 | NUMBER OF DRIVING GEARS 4 | |
| 133 | DYNAMIC TYRE RADIUS 523 mm | |



| Pos. | Information | Amendment number |
|------|---|------------------|
| 134 | REAR AXLE RATIO 4,875 | |
| 136 | INERTIA TORQUE ,108 kg/m2 | |
| 138 | PERMISS.GROSS VEHICLE WEIGHT 40 t | |
| 140 | APPROVAL NOTE 1 FIRST FITTING CHECK NECESSARY | |
| 141 | APPLICATION OF THE PRODUCT THAILAND | |
| 143 | Product description ----- | |
| 144 | AUSFUEHRUNG PTO J32 NH 1 B | |
| 145 | UEBERSETZUNGSREIHE J32 SG | |
| 149 | SCHALTUNGSART PTO J32 PNEUMATIC INTEGRATED | |
| 150 | LAGE PTO J32 CENTRAL | |
| 151 | LAGE SCHALTER PTO J32 X | |
| 152 | OUTPUT SPEED PTO(X N-MOTOR)J32 ,77 | |
| 153 | D-AUSSEN PTO ABTR.FLANSCH J32 85 mm | |
| 154 | ANZAHL BOHR PTO FLANSCH J32 4 | |
| 155 | D-BOHRUNG PTO ABTR.FLANSCH J32 8,5 mm | |
| 156 | FUNKTION PTO SCHALTER J32 PTO | |
| 157 | AUSFUEHRUNG PTO SCHALTER J32 CLOSING | |
| 158 | SCHUTZKAPPE PTO SCHALTER J32 y | |
| 159 | AUS ANSCH PTO SCHALT J32K10K32 DIN BAYONET | |
| 171 | OIL CAPACITY, GEARBOX 8,8 dm3 | |
| 173 | OIL GRADE PERMISSIBLE ACC. TO TE-ML02 | |
| 175 | COLOR NOT | |
| 178 | CODING OUTER CONSERVATION KA2 | |
| 179 | SCOPE OUTER CONSERVATION T | |
| 180 | CODING INNER CONSERVATION KI1 | |
| 181 | CONSERVATION SPECIFICATION ZFN 916 | |
| 182 | CODIERUNG STOPFENANZAHL | |
| 183 | Documents ----- | |
| 184 | Alias ID ----- | |
| 185 | Hino Motors Ltd. 33110-E0k90 | |

Assembly group overview

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Material number: 1324.031.008

9 S 1315 TO / HINO MOTORS LTD.



| Graphics | Pos. | Material number | Name | VKF | Amend. no. | Amend. start | Prod. no. | Material feature / tech. info. | ID |
|-------------|------|-----------------|--------------------|-----|------------------|--------------|-----------|---|----|
| | 910 | 1324.001.054 | 9 S 1310 TO | 1 | | 00.00.0000 | | SG*LL*ANGEFL*DW-WR H-H *PARKBREMSE | 1 |
| 062.01.14-1 | 110 | 1324.101.042 | GEARBOX HOUSING | 1 | | 00.00.0000 | | NEW ECOMID*SG*WA *SEP.K-GEHAEUSE*O.SERVO*ISUZU | 3 |
| 062.01.14-1 | 120 | 1324.101.856 | GEARBOX HOUSING | 1 | | 00.00.0000 | | NEW ECOMID *ENTLUEFTER / DISTANZSTUECK | 3 |
| 062.01.14-1 | 122 | 1304.101.800 | CLOSING COMPONENTS | 1 | | 00.00.0000 | | NA-OEFFNUNG | 3 |
| 062.02.07-1 | 140 | 1324.102.409 | CONNPLATE | 1 | | 00.00.0000 | | L=195*D=57E8 | 3 |
| 062.02.07-1 | 150 | 1324.102.802 | INPUT SHAFT | 1 | | 00.00.0000 | | O.WSK*DICHTKAPPE | 3 |
| 062.02.07-1 | 910 | 1324.102.006 | INPUT SHAFT | 1 | | 00.00.0000 | | 9,48-0,75 *L=320*SAE10C 1 3/4 | 3 |
| 062.03.07-1 | 180 | 1324.103.800 | LAYSHAFT | 1 | | 00.00.0000 | | O.WSK*PUMPE | 3 |
| 062.03.07-1 | 920 | 1324.103.006 | LAYSHAFT | 1 | | 00.00.0000 | | 9,48-0,75 9 S 1310 TO / 1110 TD | 3 |
| 062.04.08-1 | 930 | 1324.104.007 | MAIN SHAFT | 1 | | 00.00.0000 | | 9,48-0,75 *E21 *OPTIMIERTE SYNCHONISIERUNG | 3 |
| 062.06.27-1 | 230 | 1324.106.004 | GEAR SHIFT SYSTEM | 1 | | 00.00.0000 | | SG*WA*WI/WII *3/4G M.UMLENKG*1/2G O.UMLENKG | 3 |
| 062.06.27-1 | 238 | 1324.106.406 | CONNECTING PARTS | 1 | | 00.00.0000 | | WA*RG-SCHL*NG-OEFF*BAJO *NEW ECOMID*H-H | 3 |
| 062.07.09-1 | 282 | 1324.107.800 | GEAR SHIFT HOUSING | 1 | Z0000389 4110 | 06.04.2009 | | O.ABSTUETZPUNKT | 3 |
| 062.07.09-1 | 910 | 1324.107.005 | GEAR SHIFT HOUSING | 1 | | 00.00.0000 | | NEW ECOMID*H-H*60N *WL/WR | 3 |
| 062.07.09-1 | 914 | 1324.107.411 | GEAR SHIFT SHAFT | 1 | | 00.00.0000 | | NEW ECOMID*WII*249*HH-WR | 3 |
| 062.08.20-1 | 926 | 1324.170.017 | SHIFT TURRET | 1 | | 00.00.0000 | | 213,5-301,5*WR | 3 |
| 062.08.20-1 | 930 | 1324.170.015 | COVER | 1 | | 00.00.0000 | | NEW ECOMID*WR*WII | 3 |
| 062.08.20-1 | 934 | 1324.170.803 | COVER | 1 | | 00.00.0000 | | WR | 3 |
| 062.12.27-1 | 922 | 1324.149.023 | SET OF SPRINGS | 1 | | 00.00.0000 | | WR*H-H *Q1*W306 | 3 |
| 062.17.06-1 | 52 | 6001.107.027 | SERVO-CONTROL | 1 | | 00.00.0000 | | ADD-ON SERVO * HINO | 3 |
| 062.43.09-1 | 20 | 1304.131.069 | GP HOUSING | 1 | Z0000249 2510 | 01.04.2009 | | 9S109 *O.AUSGL.SCHEIBE *GP-KOLBEN*D=100MM | 3 |
| 062.43.09-1 | 512 | 1324.131.800 | HOUSING GP | 1 | | 00.00.0000 | | NEW ECOMID*6KT.SCHRAUBE *GP-KOLBEN*D=100MM | 3 |
| 062.44.13-1 | 40 | 1324.132.006 | PLANETARY DRIVE | 1 | | 00.00.0000 | | NEW ECOMID*SOLO*4-RAED *SYNCHR. D=165 | 3 |
| 062.44.13-1 | 60 | 1324.132.800 | PLANETARY DRIVE | 1 | | 00.00.0000 | | NEW ECOMID*3,48*4-RAEDRIG | 3 |

VKF Incidence factor

ID Identification (output code)

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29.07.2009