

USCO has tested D10T ITR PREMIUM track groups in mining and tough environments in different locations.



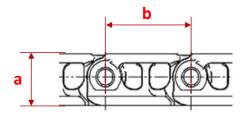
ITR PREMIUM track groups have been exclusively assembled and tested on "production machines" and not on "utility machines". The track groups have been assembled in the second quarter 2014 replacing OEM track groups and have been used together with other original components (rollers, idlers and segment groups).



The track groups have been used between over 3.000 working hours in different mining applications.

The FIELD TESTS have been conducted in different job-sites with different terrain conditions: coal, iron ore and granite.

| | ITEM | | DIM. NEW PARTS | WORKING HOURS range between 1000 & 1200 % of WEAR | | WORKING HOURS range between 1800 & 2000 % of WEAR | | WORKING HOURS range between 2800 & 3000 % of WEAR | |
|----------|------------------|---|----------------------|--|--------|--|--------|--|--------|
| | | | | RH TLA | LH TLA | RH TLA | LH TLA | RH TLA | LH TLA |
| | Link Height | а | 181,00 | 14% | 17% | 32% | 36% | 61% | 58% |
| COAL | Link Pitch | b | 260,40 | 0% | 0% | 0% | 0% | 0% | 0% |
| | Bushing Diameter | С | 95,00 | 16% | 15% | 38% | 34% | 64% | 62% |
| E E | Link Height | а | 181,00 | 25% | 29% | 48% | 51% | 77% | 76% |
| IRON ORE | Link Pitch | b | 260,40 | 0% | 0% | 0% | 0% | 0% | 0% |
| <u>R</u> | Bushing Diameter | С | 95,00 | 26% | 27% | 52% | 47% | 76% | 75% |
| ш | Link Height | а | 181,00 | 41% | 44% | 62% | 65% | 90% | 92% |
| GRANITE | Link Pitch | b | 260,40 | 0% | 0% | 0% | 0% | 0% | 0% |
| E | Bushing Diameter | С | 95,00 | 46% | 43% | 66% | 62% | 95% | 91% |



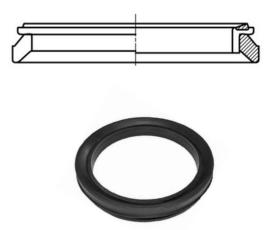


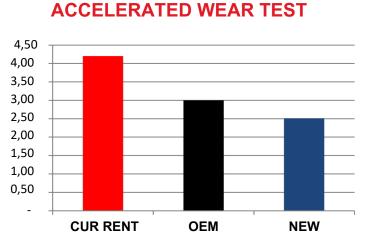


FEATURES & BENEFITS

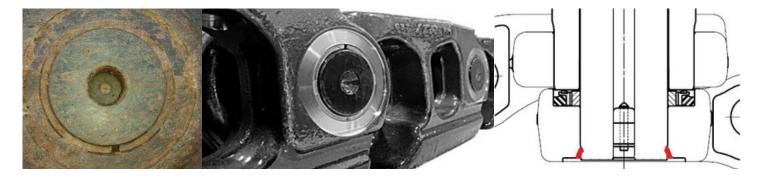
New SEAL GROUP have been engineered in order to meet the highest quality standards and perform in heavy duty applications.

The shape of the seals and the material composition guarantee the best oil retention and lubrication between pin and bushing.





New ITR LOCK RING (PPR) provides a mechanical lock between the pin and the link in order to resist the end-play movements and controls seal compression to enhance working conditions and wear life of pin and bushing. New ITR PLUG composed by a rubber stopper and a plastic plug.



FEATURES & BENEFITS

CARBURIZED BUSHING case depth has been consistently increased in order to ensure maximum wear life.

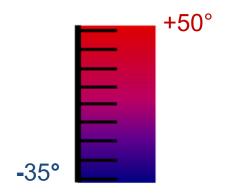








The new SYNTHETIC OIL used for new PREMIUM TLAs is in accordance with API Service Classification GL5. The high viscosity index and additional extreme pressure characteristics of the synthetic oil guarantee working conditions with temperature range from -35° C to +50°C (or from -31°F to +131°F)







| NOTES | |
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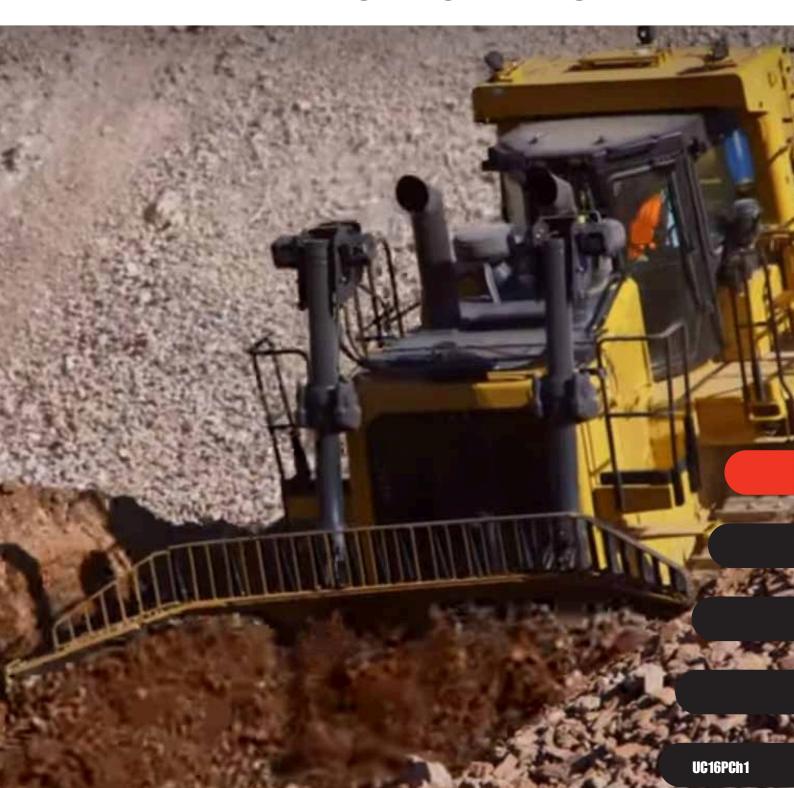


PASSION FOR PARTS



the best solution for

MINING DOZERS



ITR SUPPLIES THE WIDEST CHOICE OF UNDERCARRIAGE COMPONENTS FOR MINING DOZERS



CATERPILLAR®

| MODEL | | OPERATIVE | LINK | | 10 | IDERCARRIAG | E COMPONENTS | 8 | |
|-------|-----|------------------|-------|---------------------|-----------------|----------------------------------|-------------------|------------------|----------------------|
| MODEL | HP | WEIGHT (TONS) | PITCH | TRACK LINK ASS'Y | TRACK SHOE * | TRACK ROLLER | CARRIER ROLLER | SEGMENT GROUP | FRONT IDLER |
| | | | | | | | | | |
| D8T | 310 | 40 | 215 | UL215C7D44 | UV215C9M560 | UG232C0H UF232C0H | UF232C0H ** | US215C625 | UX100C1F UX100C0F |
| D9T | 410 | 50 | 240 | UL240C5D43 | UV240C5M610 | UG262C1H UF262C1H UG297C0H | UF262C1H | US240C525 | UX111C0F |
| D10T | 580 | 70 | 260 | UL260C9D44 | UV260C8M610 | UF297C0H UF297C0H UG344C0H | UF297C0H | US260C825 | UX133C0F |
| D11T | 850 | 105 | 317 | UL317C5L41 *** | UV317C5M710 | UF344C0H | UF344C0H | 1366968 | UX150C0F |



more machine combinations, serial numbers /versions and other parts such as rollers, idlers and various components are available at

ecommerce.usco.it/

model name, engine characteristics (HP) and operative weight are are for reference purposes only

KOMATSU®

| | | OPERATIVE | LINK | | UN | IDERCARRIAG | E COMPONENT | S | |
|----------|-----|------------------|-------|---------------------|-----------------|----------------------|-------------------|------------------|----------------|
| MODEL | HP | WEIGHT (TONS) | PITCH | TRACK LINK ASS'Y | TRACK SHOE * | TRACK ROLLER | CARRIER ROLLER | SEGMENT GROUP | FRONT IDLER |
| | | | | | | | | | |
| D155AX-6 | 354 | 40 | 228 | UL228K4L42 | UV228K3M560 | UG245K1H UG272K2H | UH120K0B | US228K027 | UX124K1E |
| D275AX-5 | 452 | 50 | 260 | UL260K3D39 | UV260K1M710 | UF272K2H UG300K0H | UH122K0B | US260K325 | UX122K2F |
| D375A-6 | 636 | 72 | 280 | UL280K1D41 | UV280K1M610 | UF300K0H | UH136K0B | US280K225 | UX136K2F |
| D475A-5 | 900 | 108 | 317 | UL317K2D41 | UV317K1M710G | UG354K0H UF354K1H | UH155K1B | US317K025 | UX160K0F |



DRESSTA®

| | OPERATIVE | | LINK | UNDERCARRIAGE COMPONENTS | | | | | | |
|-------|-----------|---------|-------|--------------------------|-----------------|----------------------------------|-------------------|------------------|------------------------|--|
| MODEL | HP | VVEIGHI | PITCH | TRACK LINK ASS'Y | TRACK SHOE * | TRACK ROLLER | CARRIER ROLLER | SEGMENT GROUP | FRONT IDLER | |
| | | | | | | | | | | |
| TD20M | 240 | 24 | 215 | UL215D0L40 | UV215D1M560 | UG223D0T UF223D0T | UH109D0B | UR215D027 | UX108D0DR UX108D0DL | |
| TD25M | 330 | 42 | 250 | UL250D1L38 | UV250D1M560 | UG244D0T UF244D0T UG294D0T | UH122D4B | US250D025 | UX121D0F | |
| TD40E | 515 | 68 | 280 | UL280D1L39 | UV280D1M660 | UF294D0T | UH134D0B | UR280D027 | UX135D0E | |



more machine combinations, serial numbers /versions and other parts such as rollers, idlers and various components are available at

ecommerce.usco.it/

model name, engine characteristics (HP) and operative weight are are for reference purposes only

| NOTES | |
|--|--------------------------------------|
| * A wide mix of shoes width is available | • |
| ** Some versions may not include top r | ollers or have a different p/n. |
| *** Under development | |
| More machine combinations, serial nun | nbers /versions and other parts such |
| as rollers, idlers and various componer | nts are available at |
| ecommer | ce.usco.it/ |
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PASSION FOR PARTS



ITR BOGIE PINS



The ITR Bogie Pins are engineered and produced within the USCO ITR Group facilities. **Perfectly interchangeable** with the original ones, the ITR Bogie Pins are the result of year-long research of the best raw material and the most suitable components. Our **Heavy Duty** bogie pins are made of a **special alloy steel** and undergo a special **heat treatment** to sustain severe and continuous load/

impact conditions.

Strict controls and **accurate analysis** guarantee the high quality standard of the ITR Bogie Pins, ensuring **top performance**.

Filled with high quality lubricating oil, the ITR Bogie Pins stand out for their excellent friction

resistance,

also at high temperatures.



ITR BOGIE PINS

| PART NUMBER | KOMATSU® APPLICATION |
|-----------------------|---|
| 17A.30.46202 S | D155AX 6-W1 - D155AX 6-WA |
| 17M.30.66201 S | D275 A5 - D275 A5D - D275 A5R - D275AX5 D275 AX5E - D275A 5D - D275A 5R-W1 D275AX 5 - D275AX 5-KO - D275AX 5E0-W1 |
| 195.30.62100 S | D375 A8 - D375A 6 |
| 195.30.62400 S | D375 A5 - D375A 5 |
| 195.30.62800 S | D375 A6 - D375 A8 |
| 195.30.66710 S | D375 A6 - D375 A8 |
| 195.30.69400 \$ | D375 A5 - D375A 5D |
| 195.30.69701 S | D375A 5 - D375A 5E0-W1 |
| 195.30.69901 S | D375A 5 - D375A 5E0-W1 |
| 198.30.32800 S | D475A 3-RP - D475A 3-SC - D475A 5 - D475A 5A |
| 198.30.32900 S | D475A 5E0-W1 - D475ASD 5E0 |
| 198.30.68700 S | D475A 5E0-W1 - D475ASD 5E0 |

| PART NUMBER | CAT® APPLICATION |
|------------------|---|
| 7T9307 S HD | D8 L - D8N-D8R-D8T-D9N-D9R D9 T - 578 |
| 7T9309 S HD | D9 L - D10 N - D10 R - D10 T - D10 T2 - 589 |
| 7T9311 S HD | D10 - D11 N - D11 R - D11 T |
| 3111298 S HD | D8 N - D8 R - D8 T - D9 R - D9 T |
| 3111299 S HD | D10 R - D10 T - D10 T2 |
| 3111300 S HD | D11 - D11 R - D11 T |
| 2663152 S | D8 L - D8 R - D8 T - D9 N - D9 R - D9 T |
| 2513273 S | D9 T - D10 R - D10 T - 589 |
| 2513280 S | DIIR-DIIT |





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ITR BOGIE KI

Suitable for Caterpillar® equipment

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|-------------|----------|---------------------------|
| ITEMS | POSITION | APPLICATION |
| 8E4235.KIT | FRONT | D8L - 578 D8L - 578 D8L - |
| 8E4236.KIT | MIDDLE | 578 D8N - D8R - D8T |
| 8E4237.KIT | REAR | D8N - D8R - D8T D8N - |
| 3102901.KIT | FRONT | D8R - D8T D9L D9L |
| 3102866.KIT | MIDDLE | D9N - D9R - D9T D9N - |
| 3102902.KIT | REAR | D9R - D9T D9N - D9R - |
| 9W7612.KIT | FRONT | D9T D9L - D10N - D10R - |
| 9W0683.KIT | MIDDLE | D10T D9L - D10N - D10R |
| 9W7613.KIT | REAR | - D10T D9L - D10N - |
| 1342679.KIT | FRONT | DIOR - DIOT DIIN - |
| 7T5417.KIT | MIDDLE | DIIR - DIIT DIIN - |
| 1342680.KIT | REAR | DIIR - DIIT DIIN - |
| 1284414.KIT | FRONT | DIIR - DIIT |
| 7T0375.KIT | MIDDLE | |
| 1268588.KIT | REAR | |
| 1287256.KIT | FRONT | |
| 9W7871.KIT | MIDDLE | |
| 1287255.KIT | REAR | |

ITR BOGIE KIT

Suitable for Komatsu® equipment

| ITEMS | APPLICATION |
|--------------|--|
| 17A.30.00051 | D155AX5 - D155A3-D155A5-D155A5-R1 D155AX 3 - D155AX5 |
| 17A.30.00831 | D155AX 6-W1 - D155AX 6-WA |
| 17A.30.00930 | D155AX 6-W1 - D155AX 6-WA |
| 17M.30.00561 | D275 A5 - D275A 5D - D275A 5R-W1 - D275AX 5 D275AX 5-KO - D275AX 5E0-W1 |
| 17M.30.00630 | D275A 5D - D275A 5R-W1 - D275AX 5-KO D275AX 5E0-W1 |
| 195.30.01772 | D375A 5 - D375A 6 |
| 195.30.01970 | D375A 5D - D375A 6 |



The ITR Bogie Kits represent a time-saving solution for easy replacements on any undercarriage frame.

TheITR BogieSystemshave been conceived, designed and produced in order to ensure exceptional traction on all types of ground conditions, including rough terrain, thus determining a longer duration of the machine frame.

The original producer's specifications are strictly followed during the manufacturing process to guarantee the perfect compatibility of the ITR Bogie Kits with the original components. Also, thorough quality controls are carried out to ensure their best affordability.