

# LONG DISTANCE RUNNER



## **KMAX EXTREME**

ON-ROAD LONG HAUL  
TIRES FOR HOT CLIMATE  
CONDITIONS

**GOODYEAR**

# KMAX EXTREME

## ON-ROAD LONG HAUL TIRES FOR HOT CLIMATE CONDITIONS

### KMAX S EXTREME GEN2

IMPROVED MILEAGE & LOWER COST PER KILOMETER

A steer axle tire designed to achieve even wear that will maximize tire life and reduce operating cost on long haul applications and extreme high temperature climates.

#### 1. COOL RUNNING TREAD COMPOUND

The chemical formulation and the physical properties of the compound are maintained intact even at high ambient temperatures. This results **high mileage in extreme hot climates** and **reduced heat generation**.

#### 2. DURABLE CONSTRUCTIONS FOR PERFORMANCE AND RETREADABILITY

Strong and optimized carcass construction designed to provide limited deformation during life cycles. This ensures **excellent durability** and **high mileage**.

#### 3. OPTIMIZED TREAD ARC WIDTH & CAVITY

Optimized Tread Arc Width and fine tuning of the cavity shape have resulted with significant improvement of regular wear by having a uniform footprint fitting for operational conditions of destination markets throughout the different stages of tire life. **Maximizing mileage capabilities on the steer axle.**

#### 4. SOPHISTICATED 5 RIB DESIGN WITH FLEXOMATIC BLADES

The 5 rib sophisticated tread design targets improved regular wear and higher mileage performance. While the high density of edge blading & optimized flexomatic blades give **improved traction** and **tread wear**.

STEER



M+S

**DRIVE**



## **KMAX D EXTREME**

**IMPROVED MILEAGE & LOWER COST PER KILOMETER**

**A high traction drive axle tire designed to maximize tire life and reduce operating cost on long haul applications and extreme high temperature climates.**



M+S

### **1. COOL RUNNING TREAD COMPOUND**

The chemical formulation and the physical properties of the compound are maintained intact even at high ambient temperatures. This promise **high mileage in extreme hot climates** and **reduced heat generation**.

### **2. FLEXOMATIC SIPES & RAINDROP CHANNELS**

Interlocking block elements "Flexomatic Sipes" limit tread movement to provide regular wear when rolling through the footprint so that the tread blocks interlock. The bottom raindrop channels ensure late life design robustness as they minimize stresses. This results in **regular wear in all torque and temperature conditions, high mileage, reduced heat generation** and **low rolling resistance**.

### **3. OPTIMIZED SHOULDER DESIGN**

To eliminate block tearing providing long lasting uniform wear, and aggressive look. This will give regular wear throughout the life and optimal traction.

### **4. V SHAPE DIRECTIONAL DESIGN & VARIABLE PITCH LENGTH**

Tread blocks are arranged along a V-shape, they gradually enter the footprint. Different tread block lengths eliminate noise peaks. Directional design offers better grip. This ensures **regular wear during the whole tire life, high traction and low noise emissions over the whole tread life**.



**TRAILER**



## **KMAX T EXTREME**

**IMPROVED MILEAGE & LOWER  
COST PER KILOMETER**



The New KMAX T EXTREME offers superb mileage performance thanks to its multi radius cavity shape and its high wearable rubber volume associated to an innovative tread compound, for cool running.

### **1. COOL RUNNING TREAD COMPOUND**

The chemical formulation and the physical properties of the compound are maintained intact even at high ambient temperatures. This gives **high mileage in extreme hot climates** and **reduced heat generation**.

### **2. REINFORCED CARCASS**

Carcass engineered for axle loads up to 10 tons (Load Index of 164 in size 385/65R22.5). This means **high load capability (10 tons axles), high robustness and durability** and **better retreadability**.

### **3. STRONG SHOULDER RIBS**

The strong shoulder ribs will resist against shoulder wear as the load puts more pressure on them during cornering this robustness during maneuvers will ensure even wear and prevents cuts due to obstacles on the road side. This gives **high mileage** and **robustness & durability**.

### **4. ZIG-ZAG GROOVES**

The zig zag grooves allow for better traction during braking and will minimize stone holding due to the angles of the grooves. This results in **durability due to less stone holding** and **high traction**.



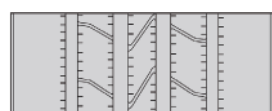
# KMAX EXTREME

## TECHNICAL DATA

### REGROOVING RECOMMENDATIONS

All tires are retreadable and regroovable and have been developed for optimised sustainability, allowing fleets to make the best use of their tire assets and substantially reduce their cost per mile and environmental footprint.

#### KMAX S EXTREME GEN2



New tire tread



80% worn

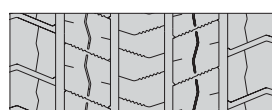


Regrooved tire

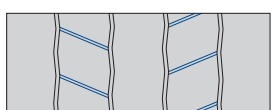


Maximum regrooving depth 3mm, regrooving width 6-8mm.

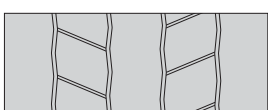
#### KMAX D EXTREME



New tire tread



80% worn

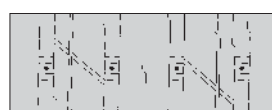


Regrooved tire



Maximum regrooving depth 3mm, regrooving width 6-8mm.

#### KMAX T EXTREME



New tire tread



80% worn



Regrooved tire (0 = Regrooving depth indicators)



Maximum regrooving depth 3mm, regrooving width 6-8mm.

TIRE DESIGN NAME	SIZE	LOAD / SPEED INDEX 1	LOAD / SPEED INDEX 2	FUEL EFFICIENCY	WET GRIP	NOISE EMISSIONS (CLASS / dB)	SNOW GRIP 3PMSF	M+S	RFID
KMAX S EXTREME GEN 2	315/80R22.5	156/150 L	154/150 M	B	B	A 70		✓	
KMAX D EXTREME	315/80R22.5	156/150 L	154/150 M	C	C	B 73		✓	
KMAX T EXTREME	385/65R22.5	164 K	158 L	C	B	B 71		✓	



Goodyear Middle East & Africa



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(0223/ENG)

**GOODYEAR**