

TECHNICAL PRODUCT NEWS- Escorts 430/435 Ring Set

USHA had recently introduced Escorts 435 tractor piston set in trade market.

We are now pleased to reintroduce Escorts 430/435 SSPR Ring set in our range of Tractor Ring Sets.

This ring set is applicable for a wide range of Farmtrac & Powertrac models , list of which is as follows :

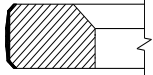
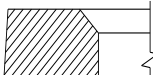
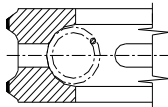
- 1) Farmtrac-30 (Hero)
- 2) Farmtrac-35 (Champion)
- 3) Farmtrac-6060 Facelift
- 4) Farmtrac-6065
- 5) Powertrac 434
- 6) Powertrac 434 DS Plus
- 7) Powertrac 434 DS Plus Euro
- 8) Powertrac 439
- 9) Powertrac 445
- 10) Powertrac 4455 BT

This Ring Set has following special features:

ITEM	CONFIGURATION	FEATURES	Benefits to Customer
TOP RING	Inside Bevel Special Steel Ring (Rik 20A)	Chrome Plated Top face Inside Bevel	Top ring is made up of special alloy (RIK-20A) which has properties similar to steel. This material has high elasticity, excellent resistance to twisting & breakage.
			This Ring has an inside bevel cut. Due to this cut, ring twists positively during upward stroke & provides better sealing.
			Chrome plating provides excellent wear & corrosion resistance. Ring is also parkerised to provide porous surface for oil retention & hence better lubrication.

SECOND RING	Taper Compression Ring	Top Face Inside Bevel	Ring has a Taper on OD to provide line contact with liner & hence it provides higher wall pressure & better sealing.
			Ring has inside bevel on top face due to which ring acts as a compression ring during upward stroke & scrapes oil during downward stroke.
			Ring is also parkerised to provide porous surface for oil retention & hence better lubrication.
OIL RING	Spring Loaded Oil Ring	Lands Chrome Plated	Ring is Spring loaded high tension chrome plated conformable oil ring.
			Ring has capability to conform itself to the varying wear of cylinder liner which ensures perfect sealing & excellent oil scraping.
			Lands are Chrome plated to provide excellent wear & corrosion resistance. Ring is also parkerised to provide porous surface for oil retention & hence better lubrication.

Technical details of this ring set are as under :

TECHNICAL DATA- ESCORTS 430/435 RINGS						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Spl. Steel Inside Bevel	2.50	0.25-0.40	10-16	Chrome Plated	
Second	Taper Inside Bevel	2.50	0.25-0.40	10-16	Parkerised	
Oil Ring	High Tension Chrome Conformable	4.00	0.30-0.50	12-20	Chrome Plated	

=====