

IF CFO RADIAL PLY AGRICULTURAL DRIVE WHEEL TIRES
USED ON AGRICULTURAL HARVESTING EQUIPMENT
IN CYCLIC LOADING FIELD SERVICE AND ROAD TRANSPORT
(EXCLUDING HILLSIDE COMBINES)
TIRES USED AS SINGLES

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE TYPE NOMENCLATURE	
CODE NO.	TIRE TYPE
R-1	Drive Wheel, Regular Tread
R-2	Cane & Rice, Drive Wheel, Deep Tread
R-3	Drive Wheel, Shallow Tread
R-4	Industrial Tractor, Drive Wheel, Intermediate Tread

TIRE SIZE DESIGNATION	BASIC TIRE LOAD INDEX NO	CYCLIC INFLATION PRESSURE		FIELD SERVICE MAXIMUM CYCLIC LOAD				ROAD TRANSPORT MAXIMUM LOAD	
				MAX. SPEED 10 MPH (15 KM/H)		MAX. SPEED 20 MPH (30 KM/H)		MAX. SPEED 25 MPH (40 KM/H)	
				psi	kPa	lbs	kg	lbs	kg
IF520/85R42CFO	169	35	240	19840	8990	16640	7540	12800	5800
IF800/60R32CFO	181	46	320	28210	12788	23660	10725	18200	8250
IF800/70R38CFO	184	35	240	30690	13950	25740	11700	19800	9000
IF900/60R32CFO	182	35	240	28985	13175	24310	11050	18700	8500
IF1250/50R32CFO	201	46	320	49600	22475	41600	18850	32000	14500

NOTES:

- For tires used in dual service, above tire load limits must be reduced. Multiply figures in the above table by .88.
- The load ratings in the above table reflect a different operating duty cycle when compared to agricultural tractors. This cyclic service is intended for use on a vehicle with a minimal requirement for torque transmission and with appreciable total weight fluctuations: e.g., combine grain tanks which are repeatedly filled and emptied. Unloading is to occur before off-field transport.
- For intermediate inflation pressures and for tires not shown with the CFO suffix, the field service loads in Table C may be increased by 55% for 10 mph (15 km/h) or slower applications and 30% for greater than 10 mph (15 km/h) up to 20 mph (30 km/h) applications for a given inflation pressure.
- Due to higher inflation pressures specified for these tires, the tire and wheel manufacturer must be consulted.
- The above field service cyclic loads only apply to vehicles, which operate up to an 11° (20%) lateral slope. For operations on slopes greater than 11° (20%) lateral slope, loads in Table C shall be used.
- For tires used on grain carts, the field service loads in Table C may be increased by 55% for speeds up to 20 mph (30 km/h) and distances up to 1 mile (1.61 km) with no increase in inflation pressure.

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 174-178.