

TABLE F2 –

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

TIRE TYPE NOMENCLATURE	
TRA	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

TIRES USED AS SINGLES

BASIC TIRE LOAD RATINGS FOR TIRE SELECTION

TIRE SIZE	BASIC TIRE LOAD INDEX NO.	CYCLIC INFLATION PRESSURE		FIELD SERVICE MAXIMUM CYCLIC LOAD				ROAD TRANSPORT MAXIMUM LOAD	
		psi	kPa	MAX. SPEED 6 MPH (10 KM/H)		MAX. SPEED 10 MPH (15 KM/H)		MAX. SPEED 25 MPH (40 KM/H)	
				lbs	kg	lbs	kg	lbs	kg
IF520/85R42CFO	169	35	240	19800	9000	16600	7550	12800	5800
IF580/85R42CFO	178	41	280	25600	11600	21500	9750	16500	7500
IF710/70R42CFO	179	35	240	26500	12000	22200	10100	17100	7750
IF800/70R38CFO	190	46	320	36300	16400	30400	13800	23400	10600
IF850/75R42CFO	186	23	160	32400	14700	28500	12900	20900	9500
IF900/60R32CFO	188	46	320	34100	15500	28600	13000	22000	10000
IF900/75R32CFO	191	46	320	37200	16900	31200	14200	24000	10900
IF1100/50R42CFO	197	46	320	43900	19900	36800	16690	28300	12850
IF1250/50R32CFO	201	46	320	43900	19900	36800	16690	28300	12850

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 with 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 (pages 118-125) 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, that operate up to an 11° (20%) lateral slope. For operations on slopes greater than 11° (20%) lateral slope, loads in Table C (pages 118-125) shall be used.
- For tires used on grain carts, the field service loads in Table C1 (pages 118-125) 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 168-172.

RADIAL FARM
BIAS FARM
FRONTS & IMPLEMENTS
FORESTRY & FLOTATION
DISCONTINUED
LOAD & INFLATION TABLES
GENERAL TIRE INFORMATION
WARRANTY