

TABLE F4 – VF 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	
				MAX. SPEED 10 MPH (15 KM/H)		MAX. SPEED 20 MPH (30 KM/H)		MAX. SPEED 30 MPH (50 KM/H)	
		psi	kPa	lbs	kg	lbs	kg	lbs	kg
VF520/85R42CFO	177	41	280	21500	9750	18100	8200	16100	7300
VF580/85R42CFO	183	41	280	25600	11600	21500	9750	19300	8750
VF600/70R28CFO	173	41	280	18600	8450	15600	7100	14300	6500
VF620/75R26CFO	172	35	240	18600	8450	15600	7100	13900	6300
VF710/70R42CFO	184	35	240	26500	12000	22200	10100	19800	9000
VF750/65R26CFO	177	35	240	21500	9750	18100	8200	16100	7300
VF800/70R38CFO	193	41	280	33300	15100	28000	12700	25400	11500
VF900/60R32CFO	193	46	320	34100	15500	28600	13000	25400	11500

NOTES:

1. For tires used in dual service, above tire load limits must be reduced. Multiply figures in the above table by .88.
2. 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.
3. For "CFO"-designated VF sizes and/or load indices not shown above, consult the tire manufacturer for the appropriate loads.
4. Field service cyclic loads for "CFO"-designated VF sizes 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 VF-1 shall be used.
5. For grain cart applications, the ≤ 10 mph (15 km/h) loads may be used at speeds up to 20 mph (30 km/h) and distances up to one mile (1.6 km).
6. Due to the higher load capacities of these tires, consult both tire and wheel manufacturers for maximum load limitations.

FOR RIM AND WHEEL LOAD INFORMATION, SEE IMPORTANT NOTES ON PAGES 168-172.