

SPECIFICATION DIESEL FUEL

TURKMENISTAN Turkmenbashy Oil Refinery complex

DIESEL OIL FROM LITTLE SULFUROUS CRUDE OIL

ТŞ 05766698-06-2005

e number, not less than	45
on composition:	
9.9	
⁰ C, not more than	290
^o C, not more than	360
atic viscosity 20 [°] C, mm ² /s, (sSt)	3,0-6,0
oint, ⁰ C, not more than	- 10
point, ⁰ C, not more than	- 5
point in close cup, ⁰ C, not less than	
iesel locomotive and ship engines and gas turbines	62
iesels of the general-purpose	50
iesels of the general-purpose	40
portion of sulfur, %, not more than	0,2
portion of mercaptane sulfur, %, not more than	0,008
portion of hydrogen sulfide	no
r plate testing	ok
ce of acids and bases, soluble in water	no
resin concentration, mg 100 sm ³ fuel, not more	
	40
y, mg KOH by 100 sm ³ , not more than	10
number, mg I_2 for 100g, not more than	6
ontents, % weight, not more than	0,005
n residue of 10% remainder %, not more than	0,25
ng factor, not more than	3,0
ce of mechanical impurities	no
ce of water	no
y 20 [°] C, kg/m ³ , not more than	860
· · · · · · · · · · · · · · · · · · ·	
ce	e of water

2. A filtering factor is defined in reservoir of the transfer base, but plant guarantees correspondence of the rate, specified in standard specifications.

3. Factor on points 1, 7, 8, 9, 15 are defined seasonally, once at 10 days.







TURKMENISTAN TURKMENBASHY OIL REFINERY COMPLEX

HYDROTREATED DIESEL FUEL ТŞ- 05766698-02-2012

N⁰	Description of index	Figure
1	Mass portion of sulfur,ppm,not more than	0,01(100)
2	Fraction composition:	
	-95%- °C, not more than:	340
3	Cetane index, not less than	50
4	Presence of water, ppm, not more than	200
5	Pour point, °C, no more than	-30
6	Color, not more than	
	-by ASTM	2.0
	-by SNT	
7	Flash point in close cup, °C, not less than	62
8	Mass portion of poly aromatics, %, not more than	11
9	Density 15 °C, kg/m ³ not more than	840
10	Mass portion of nitrogen, ppm, not more than	30
11	Copper plate testing	Ok
12	Filtering factor, not more than	3.0
13	Kinematik viscosity 20 °C mm ² /s (sST)	No
14	Ash contents, % weight, not more than	0.25
15	Carbon residue of 10 % remainder, %, not more than	0.005

