

DIESEL FUEL EURO

CAS #: 64742-80-9

PRODUCT TRADE NAME: DIESEL FUEL EURO DTL-L-K3, DTL-L-K4, DTL-L-K5, GRADE C II/III

INDUSTRY STANDARD: GOST 32511-2013 (EN 590:2009), GOST R 52368-2005 (EN 590:2009)

USE OF THE CHEMICAL: FOR DIESEL AND GAS-TURBINE ENGINES USES

SUPPLIER DETAILS: WESPECH PTE. LTD., 8 EU TONG SEN STREET, #14-94, THE CENTRAL, SINGAPORE (059818)

MANUFACTURER DETAILS: GAZPROM NEFTEHIM SALAVAT, MOLODOGVARDEJCEV 30, SALAVAT, RESPUBLIKA BASHKORTOSTAN, RUSSIA 453256 OR ORSKNEFTEORGSIINTEZ, GONCHAROVA 1A, ORSK, ORENBURGSKAJA OBLAST, RUSSIA 462407 OR ANGARSK PETROCHEMICAL COMPANY, ANGARSK, IRKUTSKAJA OBLAST, RUSSIA 665830

HANDLING, STORAGE, TRANSPORT AND SAFETY: AS INDICATED IN THE SAFETY DATA SHEET

PHYSICAL AND CHEMICAL PROPERTIES:

##	PARAMETER	NORMAL VALUE
1	CETANE NUMBER	≥ 51
2	CETANE INDEX	≥ 46
3	DENSITY AT 15 °C, KILOGRAM/METRE ³	820,0-845,0
4	POLYCYCLIC AROMATIC HYDROCARBONS W/W%	≤ 8
5	MASS FRACTION OF SULPHUR, MILLIGRAM/KILOGRAM, FOR EMISSION STANDARDS:	
5.1	K3	≤ 350
5.2	K4	≤ 50
5.3	K5	≤ 10
6	CLOSED-CUP FLASH POINT, °C	≥ 55
7	COKING PROPERTY OF DISTILLATION RESIDUAL 10% W/W%	≤ 0,3
8	ASH CONTENT W/W%	≤ 0,01

9	WATER, MILLIGRAM/KILOGRAM	≤ 200
10	TOTAL IMPURITIES, MILLIGRAM/KILOGRAM	≤ 24
11	COPPER PLATE TEST (3 HOURS AT 50 °C)	CLASS 1
12	OXIDATION STABILITY: TOTAL SEDIMENT	
12.1	GRAM/METRE ³	≤ 25
12.2	HOURS	≥ 20
13	LUBRICATING PROPERTY: NORMALIZED WEAR SCAR (WSD 1,4) AT 60 °C, MICRON	≤ 460
14	CINEMATIC VISCOSITY AT 40 °C, MILLIMETRE ² /S	2,000-4,500
15	FRACTIONAL COMPOSITION:	
15.1	AT 250 °C DISTIL OVER, VOLUME PERCENT	< 65
15.2	AT 350 °C DISTIL OVER, VOLUME PERCENT	≥ 85
15.3	95 VOLUME PERCENT DISTIL OVER AT, °C	≤ 360
15.4	FATTY ACID METHYL ESTERS CONTENT W/W%	≤ 7