



## KRAFTIG POWER PLUS

### SEMI SYNTHETIC

#### PRODUCT DESCRIPTION:

KRAFTIG POWER PLUS is a premium performance semi synthetic low emission heavy-duty engine oil designed for naturally aspirated and turbocharged four-stroke diesel and petrol engines in on- and off-highway and construction machinery applications. It is formulated with a range of latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti-corrosion, viscosity improver and foam suppression additives and is recommended for extended drain intervals.

#### APPLICATION:

It is recommended for four-stroke naturally aspirated and turbocharged diesel engines, meeting Euro IV, Euro V, and the newest Euro VI emissions requirements where permitted by the OEM and is suitable for use in engines with global after treatment systems such as exhaust gas recirculation (EGR), diesel particulate filter (DPF), and selective catalytic reduction (SCR).

#### FEATURES & BENEFITS:

- Helps keep piston rings, piston lands and valves clean, and offers effective soot dispersancy and wear control, optimising engine service life and maintenance costs
- Latest technology dispersant, detergent, oxidation inhibition, anti-wear, anti corrosion, viscosity improver, and foam suppression protection
- Formulated to reduce emission control system cleaning and maintenance, improving Diesel Particulate Filter (DPF) life
- Advanced semi-synthetic base oil and additive technology helps control oxidation, sludge and oil thickening, offering extended oil drain intervals

#### PERFORMANCE LEVELS: Meets or Exceeds:

- API CJ-4/SN
- ACEA E9
- MB 228.31
- Caterpillar ECF-3
- MAN M3477/3575
- VOLVO VDS-4
- Renault RLD-3
- DDC 93K218
- Mack EO-O PP
- Cummins CES 20081
- DEUTZ DQC III-10 LA
- FORD WSS-M2C171-F1

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	KRAFTIG POWER PLUS (SEMI SYNTHETIC)	
Grade			10W30	10W40
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	74.15	102
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	11.75	15.1
Viscosity Index (min)	ASTM D-2270	-	154	156
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.875	0.876
Flash Point (min)	ASTM D-92	°C	236	234
Pour Point (max)	ASTM D-97	°C	-39	-39
TBN	ASTM D-2896	Mg KOH/g	9.9	9.9
CCS, (°C)	ASTM D-5293	m.Pa.S	7000 (-25°C)	7000 (-25°C)

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Runol.net

