



SPX Heavy Duty Oil

## SPX Heavy Duty Engine Oils

### CUSTOMER BENEFITS

- Excellent anti-wear protection and extreme soot control
- Improved oxidation stability to withstand thermal breakdown
- Enhanced shear stability performance over CJ-4 Chemistry
- Cleaner engine, maximum performance and less maintenance
- 10W-30 & 15W-40 API CK-4 (and previous API “C” categories)
- API License #2398

### FEATURES

**SPX Heavy Duty Engine Oil** exceeds API Service Categories API CK-4, CJ-4, and CI-4 PLUS recommended for diesel engines in on and off highway use. **SPX Heavy Duty Engine Oils** are formulated using premium Group II-Group III base stocks, and the latest advanced additive package containing specially balanced amounts of dispersant, detergent, antioxidants, and anti-wear and corrosion inhibitors to provide unsurpassed performance while extending the life of your engine. Our Formulations meet the requirements of EPA 2007 and 2010 compliant engines equipped with emission control technologies including Diesel Particulates Filter (DPF), Exhaust Gas Recirculation (EGR) and Selective Catalytic Converter (SCR). **SPX Heavy Duty** meets:

- API CK-4 CJ-4/SN, CI-4 Plus
- ACEA E9-16
- Caterpillar ECF-3
- Cummins CES 20086
- Mack/Renault EO-S-4.5/RLD-4
- JASO DH-2
- DDC93K222
- Daimler Benz MB228.31
- MAN 3575
- MTU Type 2.1
- DEUTZ DQC III-10 LA

### TYPICAL TEST DATA

Test	ASTM	Unit	10W-30	15W-40
Viscosity, Cold Crank	D5293	C/Poise	-25/6480	-20/5,120
MRV-TPI	D4684	C/Poise	-30/21000	-25/17900
Viscosity @ 40 C	D445	cSt	11.9	15.2
Viscosity @ 100 C	D445	cSt	80.7	112.7
Viscosity Index	D2270	-	141	142
Pour point	D97	C	-43	-30
Flash Point	D92	C	230	234
Base Number	D2896	mgKOH/g	10	10
Zinc Wt. %	ICP	Wt. %	.11	.12
Sulfated Ash	D874	Wt. %	1.0	1.0
Density	D4052	C	0.879	0.876