

## TECHSELECT® HEAVY DUTY ENGINE OIL

### DESCRIPTION:

TechSelect® 15W40 CJ-4 Heavy Duty Engine Oil is a premium quality, heavy duty crankcase oil. It has been formulated with highly refined base oils which counteract acids, varnishes and deposits to extend engine life and maintain peak efficiency. The CJ-4 technology provides improved soot control, wear protection, pumpability, and protection from thermal and oxidative breakdown. TechSelect® 15W40 CJ-4 Heavy Duty Engine Oil provides outstanding soot dispersion capabilities in extended service intervals. TechSelect® 15W40 CJ-4 Heavy Duty Engine Oil provides outstanding protection against scuffing of highly loaded cams, hydraulic lifters and other valve train components, resulting in reduced engine wear and increased engine efficiency and power. This product is designed to keep high-output, low emission engine designs clean and working efficiently. TechSelect® 15W40 CJ-4 Heavy Duty Engine Oil is an exceptional choice for mixed fleets of diesel engines requiring an API Service Classification CJ-4, as it meets the high quality claim of CJ-4/SM.

### PERFORMANCE BENEFITS:

Meets or exceeds the following tests and requirements:

API Service Classification – CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF, SM, SL  
 Caterpillar - ECF-1, ECF-3, C-13  
 Mack - EO-O Prem Plus '07, EO-N Prem Plus >03  
 Cummins - CES 20081  
 Detroit Diesel - 93K214, 93K215, 93K217, 93K218 (15W40)  
 General Motors - 6.5L (RFWT)  
 Navistar (International Harvester Company) - HEUI Foam  
 Volvo - VDS-2, VDS-3 (15W40)  
 Global - DHD-1  
 JASO - DH-1  
 Daimler Chrysler - P228.3  
 ACEA – E7-04, E2, E4  
 John Deere - Plus - 50

### TYPICAL PROPERTIES:

Property	ASTM Test Method	SAE 15W40
Viscosity @ -25°C, cP	D5293	N/A
Viscosity @ -20°C, cP	D5293	6000
Viscosity @ 40°C, cSt	D445	115.0
Viscosity @ 100°C, cSt	D445	15.1
Viscosity Index	D2270	135.0
Flash Point, COC, °C	D92	232.0
Flash Point, COC, °F	D92	450.0
Pour Point, °C	D97	-33.0
Pour Point, °F	D97	-27.0
Color	D1500	2.0
Gravity, °API	D287	30.0
Sulfated Ash, %	D874	1.0
Zinc, %	D4951	0.13
Total Base No. (TBN)	D2896	8.4



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 TSUNHD15W40