



ALL FLEET T

PREMIUM MOTOR OIL SERIES

CHAMPION ALL FLEET T[®] MOTOR OIL series includes our premium engine oils made with Group II base stocks. These are OEM preferred extended service drain fluids honoring all warranty requirements. Each provide excellent performance over the life of the oil and offer exceptional benefits including; superior soot handling, fuel economy, lower, or equal, oil consumption, and outstanding protection against viscosity breakdown than all other brands claiming use of Group I or II base stocks.

API Service Class: CI-4 Plus⁽¹⁾, CI-4^(1,2), CH-4^(1,2), CG-4^(1,2), CF-4^(1,2), CF-2⁽³⁾, CF⁽³⁾ and SL, SJ, SH

Features include:

- Extended service drain equals fewer oil changes and more savings over conventional oils
- Outstanding thermal and oxidation protection, increases viscosity stability at high temperature
- Premium anti-wear and cold flow protection during start up when wear is most significant
- Contains anti-friction technology for additional fuel economy
- Keeps the engine crankcase super clean
- Universal compatibility with other diesel engine oils
- Exceeds SAE and all major engine manufacturers' warranty requirements

CHAMPION ALL FLEET T[®] MOTOR OIL meet service fill requirements for all foreign and domestic turbo charged on and off road diesel engines including;

- Caterpillar
- Cummins
- Detroit Diesel
- Freight Liner
- General Motors
- Isuzu
- J.I. Case / Case International
- John Deere
- Kenworth
- Mack
- Navistar / International
- Mercedes Benz
- Mitsubishi
- Toyota
- Volvo
- Waukesha Dresser

See Your Fleet Vehicle Owners Manual for More Information

All Fleet T[®] 15W-40 Approvals

- **Detroit Diesel** Power Guard Oil 7SE270 EGR (93K214) & Non-EGR (93K215)
- **Cummins** CES 20071, 20072, 20076, 20077, 20078
- **Mack** EO-N Premium Plus 2003 (4160 - AFT 10W-30 meets EO-M Plus)
- **Volvo** VDS & VDS-2
- **Global DHD-1**
- **JASO** DH-1
- **ACEA** E2, E3, E5
- **Mercedes Benz** 228.1, 228.3
- **MAN** 271, 3275
- **MTU** MTL 5044 Type 1 and 2
- **Navistar/International** TSI-97-12-03, TSI-02-12-20, TSI-99-12-06
- **Allison** C-4 (AFT 30 & 15W-40)
- **Caterpillar** ECF-1⁽⁴⁾, TO-2
- **SEBU** 6385-05, 6250-12

TYPICAL SPECIFICATION

SAE Grade	AFT 30 TBN 13.2	AFT 10W-30 TBN 13.2	AFT 15W-40 TBN 13.2	AFT 15W-40 TBN 12.0
Product Code	4198 ⁽³⁾	4160 ⁽²⁾	4158 ^(1&2)	4161 ^(1,2&4)
MSDS #	100	100	100	100
API Classification	CF-2, CF	CI-4/SL	CI-4/SL	CI-4/SL
Gravity API @ 60° F	32.8	32.8	32.8	33.0
Pour Point ° F	-12	-33	-24	-29
Flash Point ° F	440	430	450	450
SUS @ 104°F	394	311	565	542
SUS @ 212°F	62	61	80	79
cSt @ 40°C	85.0	67.0	121.8	117.0
cSt @ 100°C	10.9	10.5	15.4	15.3
TBN, mg KOH/gm	13.2	13.2	13.2	12.0
Sulfated Ash %wt	1.52	1.52	1.52	1.30
Color	Amber	Blue	Blue	Blue
Viscosity Index	114	140	132	137

Call Our Friendly Sales Representatives for Available Package Sizes

4198 4160 4158 4161

EFFECTIVE 01/06

CHAMPION BRANDS, L.L.C. • 1001 Golden Drive • Clinton, MO 64735
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